

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039221.D
 Acq On : 29 Sep 2025 11:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 01:18:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	4.596	168	564484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	842301	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	811375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	505725	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.941	65	349728	42.808	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	85.620%
35) Dibromofluoromethane	4.497	113	346022	51.100	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	102.200%
50) Toluene-d8	7.233	98	963722	48.458	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	96.920%
62) 4-Bromofluorobenzene	10.001	95	466775	57.013	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	114.020%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	372146	41.647	ug/l	98
3) Chloromethane	1.227	50	399012	41.595	ug/l	100
4) Vinyl Chloride	1.294	62	443737	43.208	ug/l	99
5) Bromomethane	1.494	94	276563	42.719	ug/l	100
6) Chloroethane	1.558	64	277414	45.569	ug/l	98
7) Trichlorofluoromethane	1.722	101	671148	45.139	ug/l	99
8) Diethyl Ether	1.918	74	248163	44.959	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.079	101	408668	46.193	ug/l	96
10) Methyl Iodide	2.195	142	433468	51.451	ug/l	98
11) Tert butyl alcohol	2.571	59	443947	257.107	ug/l	99
12) 1,1-Dichloroethene	2.079	96	392230	46.086	ug/l	89
13) Acrolein	2.008	56	67411	224.989	ug/l	98
14) Allyl chloride	2.355	41	668296	43.958	ug/l	96
15) Acrylonitrile	2.674	53	1243040	224.569	ug/l	99
16) Acetone	2.118	43	1224774	241.983	ug/l	97
17) Carbon Disulfide	2.249	76	1031891	39.644	ug/l	99
18) Methyl Acetate	2.378	43	592823	48.974	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	1272065	46.904	ug/l	98
20) Methylene Chloride	2.455	84	432857	48.961	ug/l	93
21) trans-1,2-Dichloroethene	2.699	96	408823	45.121	ug/l	97
22) Diisopropyl ether	3.214	45	1269043	43.628	ug/l	94
23) Vinyl Acetate	3.188	43	5603106	220.202	ug/l	96
24) 1,1-Dichloroethane	3.114	63	752929	42.328	ug/l	99
25) 2-Butanone	3.867	43	1573946	240.588	ug/l	96
26) 2,2-Dichloropropane	3.809	77	655070	41.534	ug/l	100
27) cis-1,2-Dichloroethene	3.815	96	466569	46.691	ug/l	96
28) Bromochloromethane	4.143	49	348213	44.343	ug/l	90
29) Tetrahydrofuran	4.236	42	984175	240.344	ug/l	96
30) Chloroform	4.275	83	785637	42.297	ug/l	99
31) Cyclohexane	4.580	56	585623	40.190	ug/l	100
32) 1,1,1-Trichloroethane	4.510	97	688441	42.812	ug/l	98
36) 1,1-Dichloropropene	4.741	75	497503	48.595	ug/l	98
37) Ethyl Acetate	3.973	43	587710	47.309	ug/l	97
38) Carbon Tetrachloride	4.732	117	592185	47.329	ug/l	99
39) Methylcyclohexane	6.043	83	595570	48.172	ug/l	99
40) Benzene	5.005	78	1611342	48.334	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	270101	48.162	ug/l	98
42) 1,2-Dichloroethane	5.037	62	536537	45.932	ug/l	98
43) Isopropyl Acetate	5.191	43	863524	50.981	ug/l	97
44) Trichloroethene	5.828	130	401095	52.139	ug/l	100
45) 1,2-Dichloropropane	6.088	63	408473	49.295	ug/l	97
46) Dibromomethane	6.223	93	311150	49.060	ug/l	93
47) Bromodichloromethane	6.423	83	620639	47.336	ug/l	98
48) Methyl methacrylate	6.294	41	410277	53.435	ug/l	96
49) 1,4-Dioxane	6.291	88	135545	1093.922	ug/l	95
51) 4-Methyl-2-Pentanone	7.146	43	3020119	271.028	ug/l	97
52) Toluene	7.307	92	1025430	53.051	ug/l	97
53) t-1,3-Dichloropropene	7.571	75	616048	53.914	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	670138	53.126	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	439583	50.719	ug/l	97
56) Ethyl methacrylate	7.715	69	605076	58.788	ug/l	96
57) 1,3-Dichloropropane	7.934	76	688890	50.365	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1364182	235.318	ug/l	96
59) 2-Hexanone	8.063	43	2296121	255.225	ug/l	96
60) Dibromochloromethane	8.165	129	505143	51.151	ug/l	98
61) 1,2-Dibromoethane	8.272	107	461742	52.094	ug/l	98
64) Tetrachloroethene	7.895	164	350917	51.636	ug/l	98
65) Chlorobenzene	8.802	112	1143668	50.604	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.895	131	419675	51.392	ug/l	99
67) Ethyl Benzene	8.937	91	1879090	54.927	ug/l	99
68) m/p-Xylenes	9.063	106	1528923	115.793	ug/l	100
69) o-Xylene	9.468	106	690511	59.062	ug/l	97
70) Styrene	9.484	104	1274646	51.432	ug/l	99
71) Bromoform	9.654	173	362804	56.878	ug/l #	99
73) Isopropylbenzene	9.857	105	1858552	50.669	ug/l	99
74) N-amyl acetate	9.725	43	774283	52.920	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.165	83	700437	43.582	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	533949	46.372	ug/l	99
77) Bromobenzene	10.140	156	482692	50.721	ug/l	94
78) n-propylbenzene	10.278	91	2253738	50.455	ug/l	98
79) 2-Chlorotoluene	10.345	91	1360520	50.902	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1608070	52.744	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	244133	50.900	ug/l	97
82) 4-Chlorotoluene	10.461	91	1628242	52.536	ug/l	99
83) tert-Butylbenzene	10.789	119	1531883	50.388	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1609100	54.363	ug/l	99
85) sec-Butylbenzene	11.011	105	1975626	48.994	ug/l	99
86) p-Isopropyltoluene	11.165	119	1687605	50.284	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	945060	49.068	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	980757	46.414	ug/l	99
89) n-Butylbenzene	11.580	91	1584773	49.442	ug/l	99
90) Hexachloroethane	11.821	117	340207	41.164	ug/l	94
91) 1,2-Dichlorobenzene	11.567	146	881445	48.984	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	152326	52.555	ug/l	93
93) 1,2,4-Trichlorobenzene	13.185	180	551570	53.472	ug/l	99
94) Hexachlorobutadiene	13.368	225	227281	42.405	ug/l	99
95) Naphthalene	13.426	128	1952932	58.576	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	553227	52.439	ug/l	99

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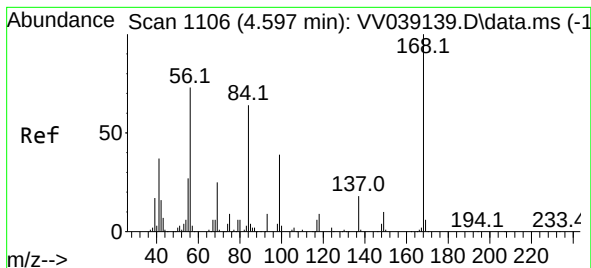
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QLast Update : Wed Sep 24 08:08:08 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 11

Delta R.T. -0.001 min

Lab File: VV039221.D

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Instrument :

MSVOA_V

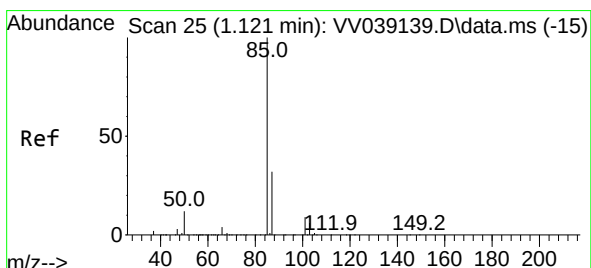
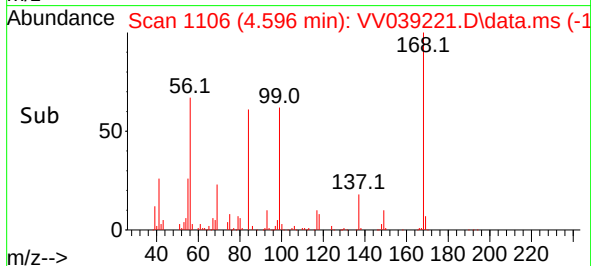
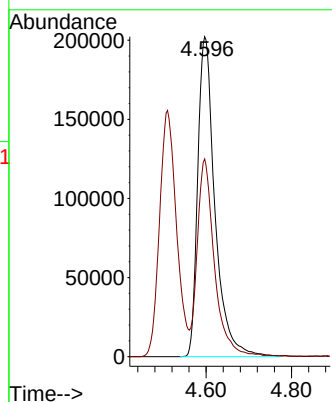
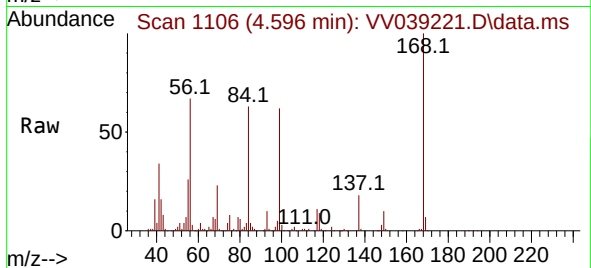
ClientSampleId :

Tgt Ion:168 Resp: 564484

Ion Ratio Lower Upper

168 100

99 61.5 49.6 74.4



#2

Dichlorodifluoromethane

Concen: 41.647 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039221.D

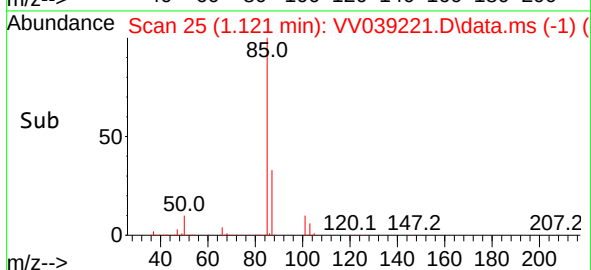
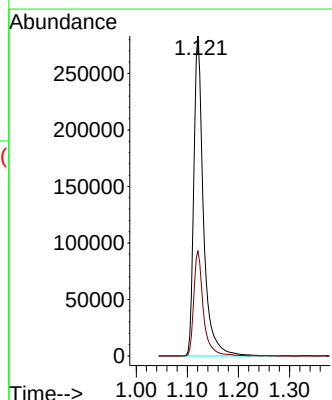
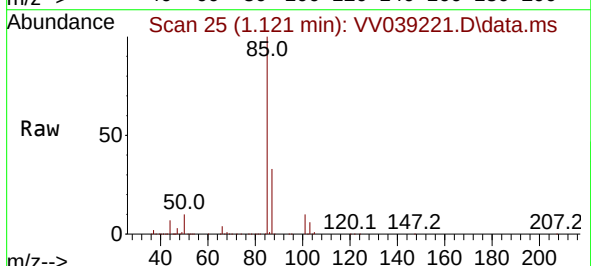
Acq: 29 Sep 2025 11:11

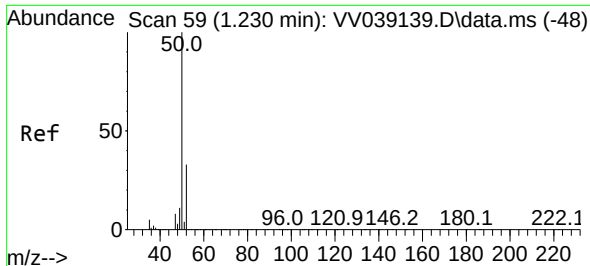
Tgt Ion: 85 Resp: 372146

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9

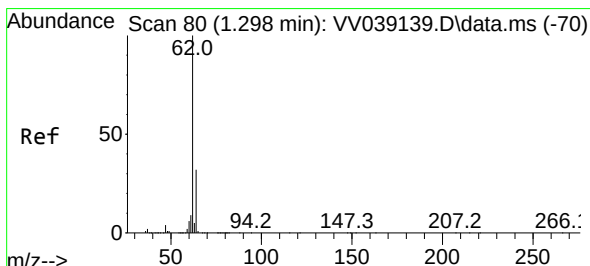
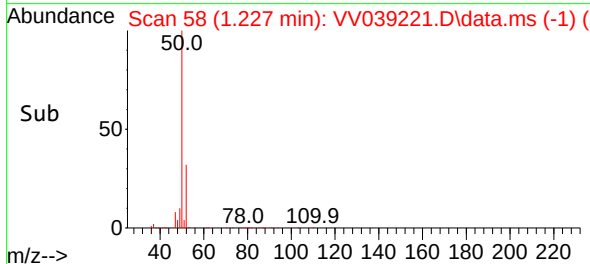
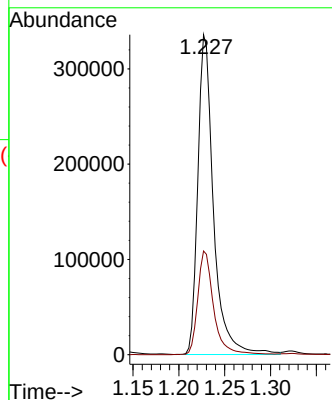
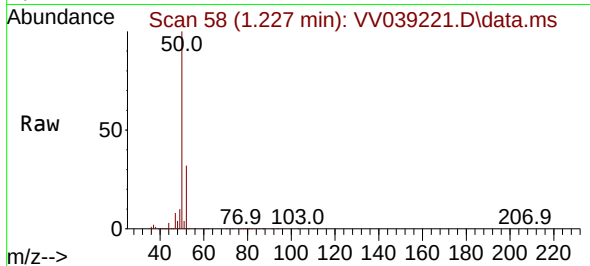




#3
Chloromethane
Concen: 41.595 ug/l
RT: 1.227 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV039221.D
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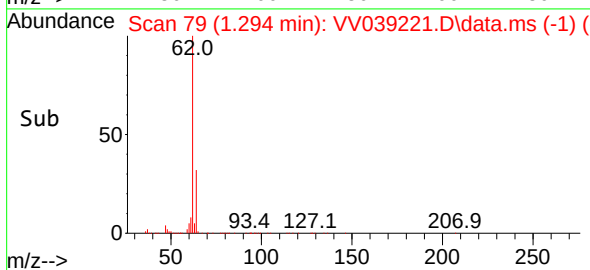
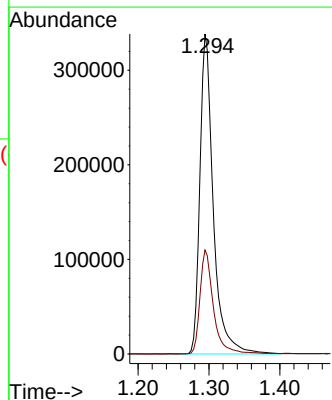
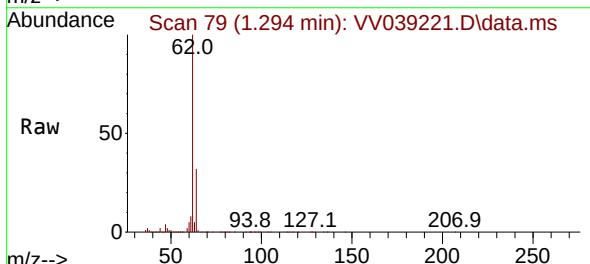
Instrument :
MSVOA_V
ClientSampleId :

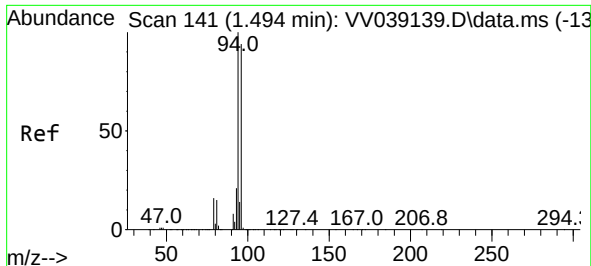
Tgt Ion: 50 Resp: 399012
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0



#4
Vinyl Chloride
Concen: 43.208 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 62 Resp: 443737
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4

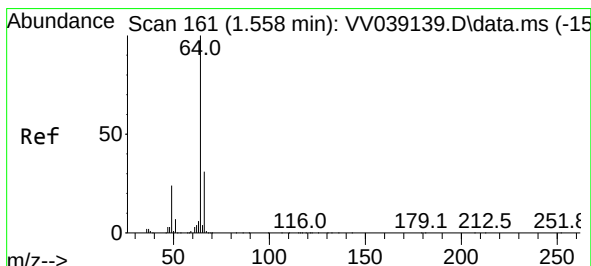
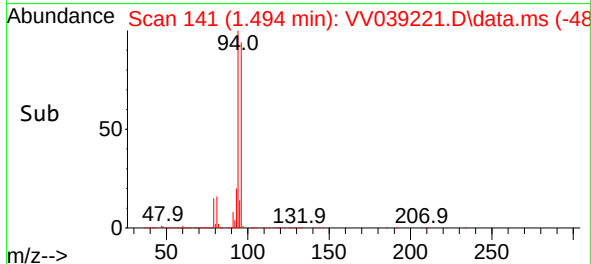
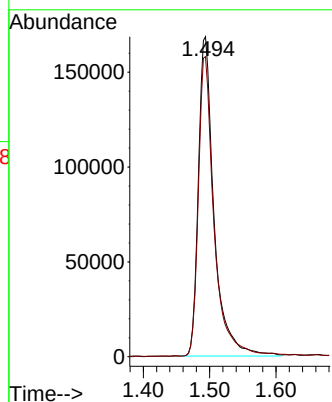
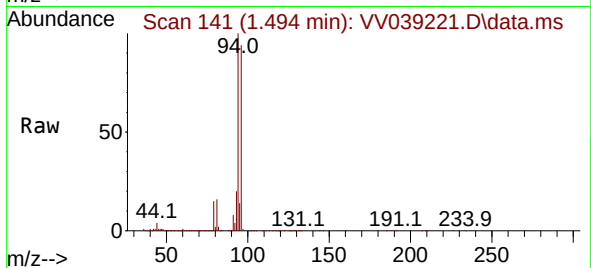




#5
Bromomethane
Concen: 42.719 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

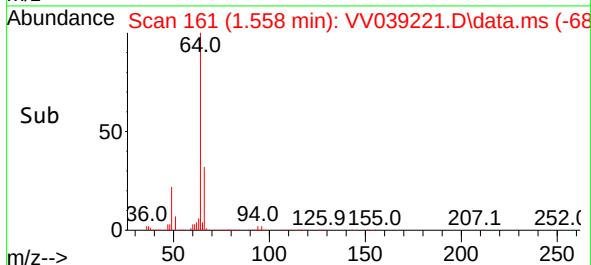
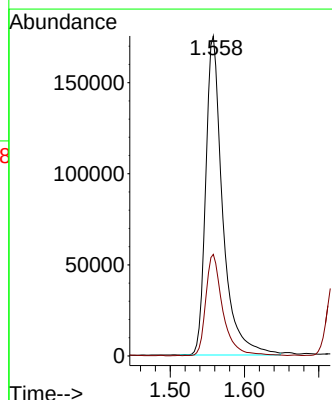
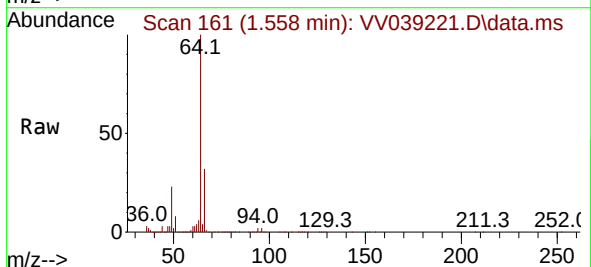
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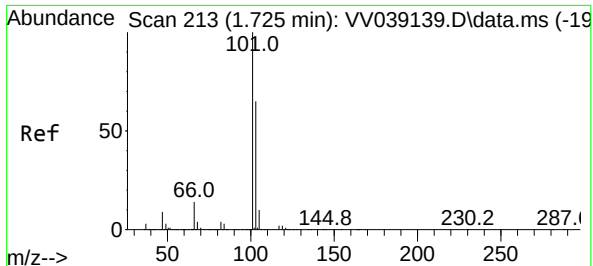
Tgt Ion: 94 Resp: 276563
Ion Ratio Lower Upper
94 100
96 93.7 74.9 112.3



#6
Chloroethane
Concen: 45.569 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 64 Resp: 277414
Ion Ratio Lower Upper
64 100
66 31.7 24.6 36.8

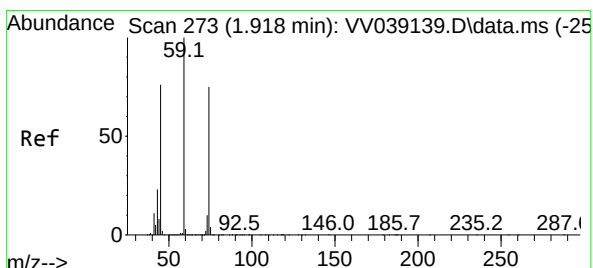
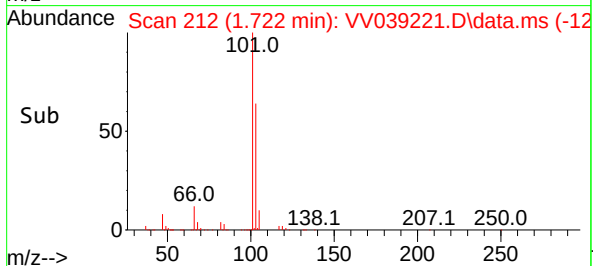
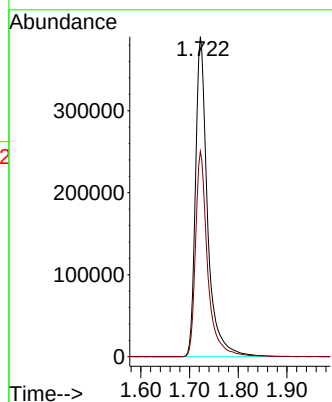
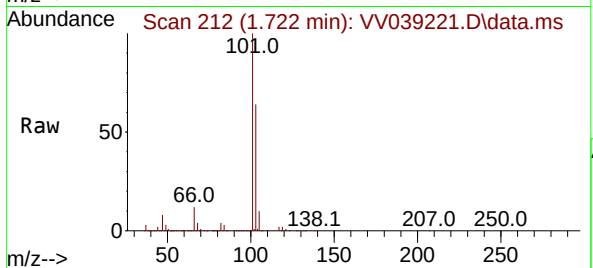




#7
 Trichlorofluoromethane
 Concen: 45.139 ug/l
 RT: 1.722 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VV039221.D
 Acq: 29 Sep 2025 11:11

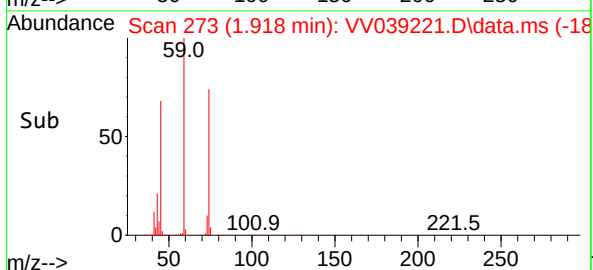
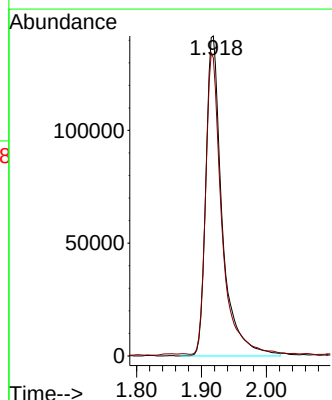
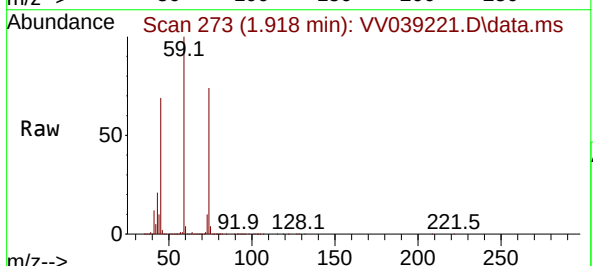
Instrument :
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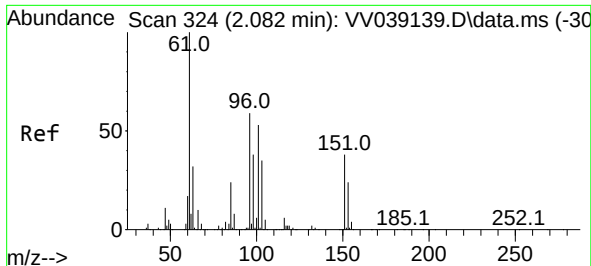
Tgt Ion:101 Resp: 671148
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.0 78.0



#8
 Diethyl Ether
 Concen: 44.959 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039221.D
 Acq: 29 Sep 2025 11:11

Tgt Ion: 74 Resp: 248163
 Ion Ratio Lower Upper
 74 100
 45 92.9 49.6 148.8

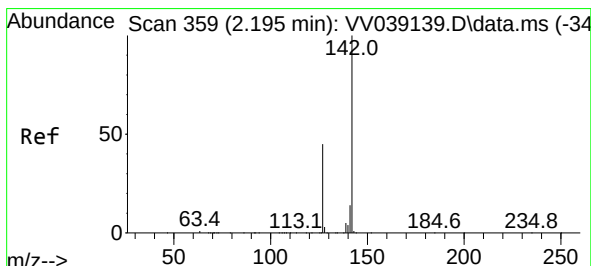
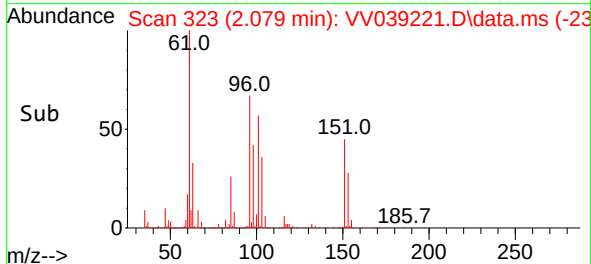
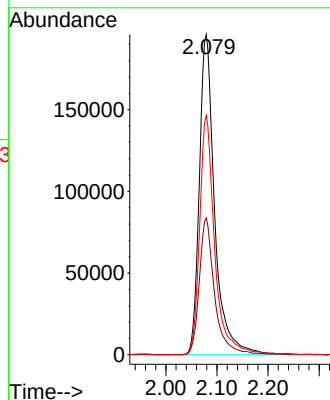
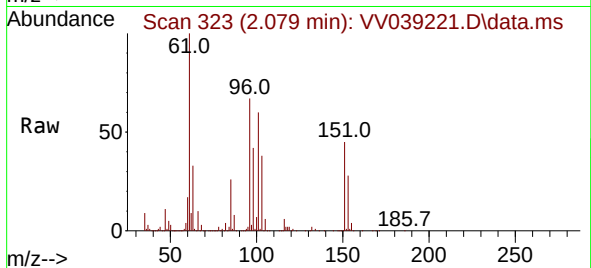




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.193 ug/l
RT: 2.079 min Scan# 311
Delta R.T. -0.003 min
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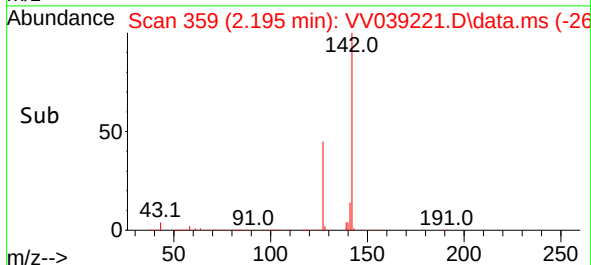
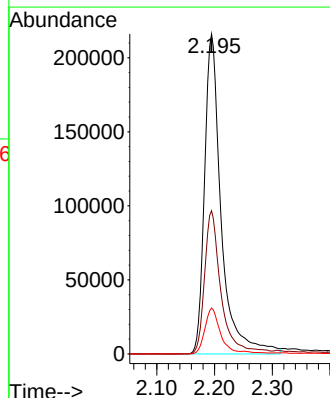
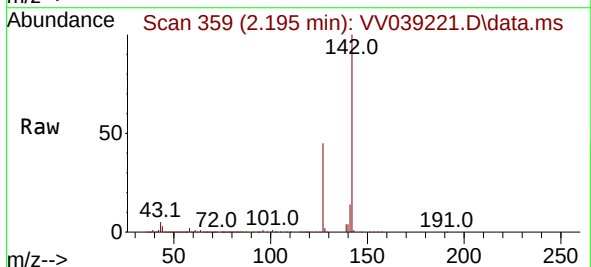
Instrument :
MSVOA_V
ClientSampleId :

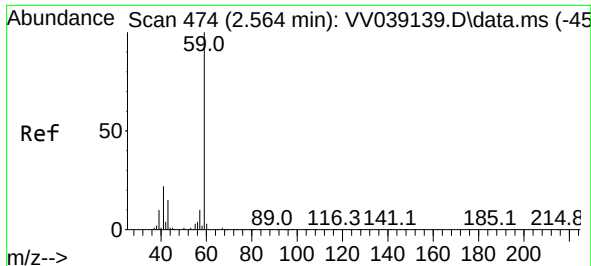
Tgt Ion:101 Resp: 408668
Ion Ratio Lower Upper
101 100
85 42.7 36.2 54.2
151 73.4 56.3 84.5



#10
Methyl Iodide
Concen: 51.451 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion:142 Resp: 433468
Ion Ratio Lower Upper
142 100
127 44.3 36.3 54.5
141 13.1 11.2 16.8

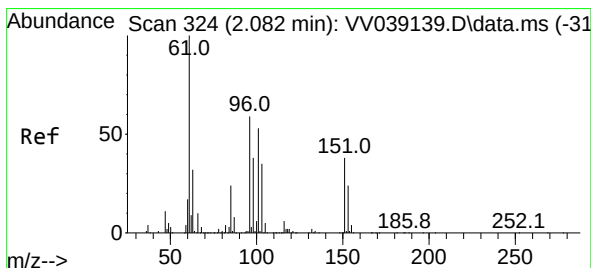
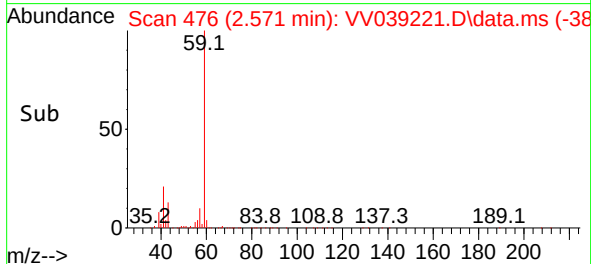
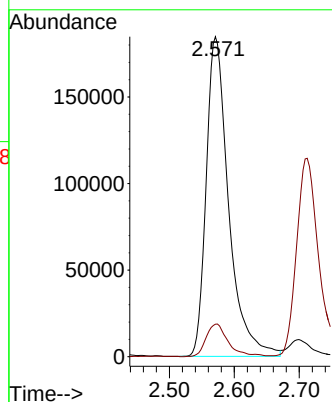
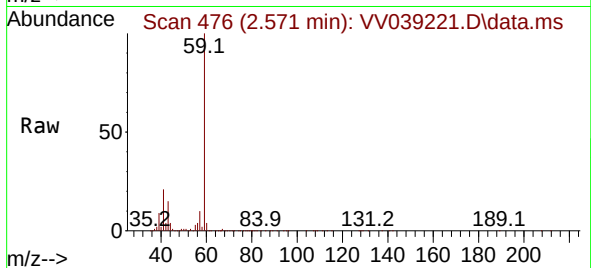




#11
Tert butyl alcohol
Concen: 257.107 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

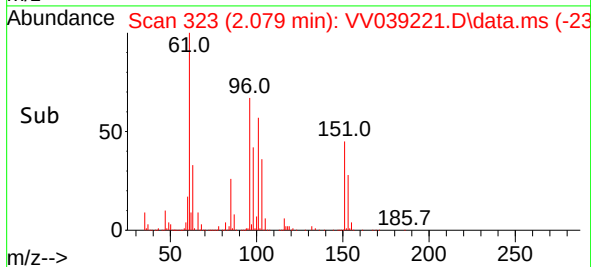
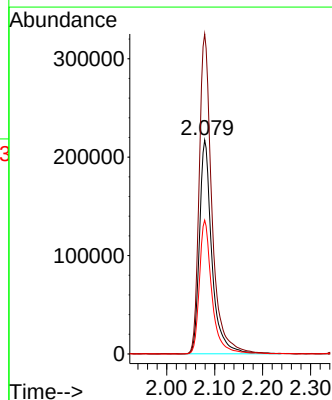
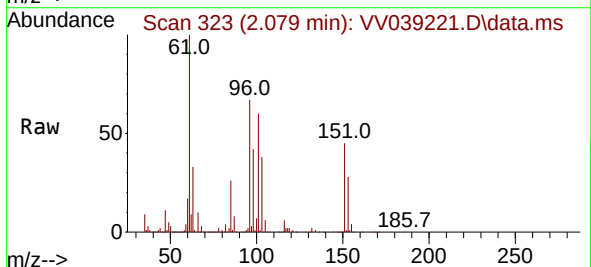
Instrument :
MSVOA_V
ClientSampleId :

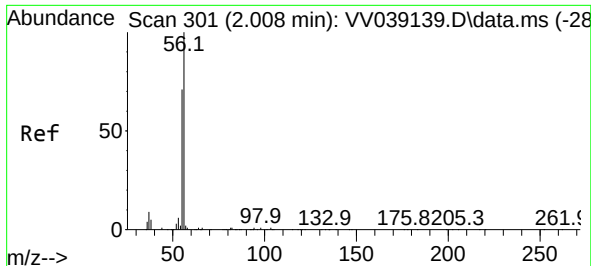
Tgt Ion: 59 Resp: 443947
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 46.086 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 96 Resp: 392230
Ion Ratio Lower Upper
96 100
61 149.7 136.0 204.0
98 62.5 51.0 76.6

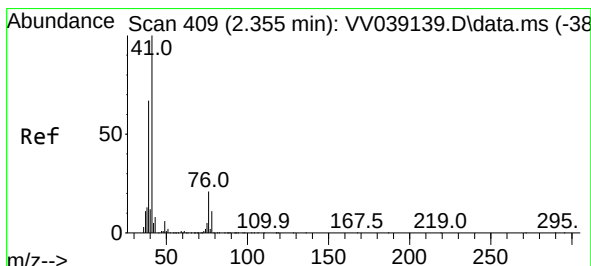
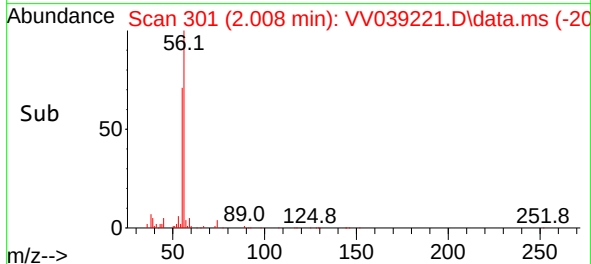
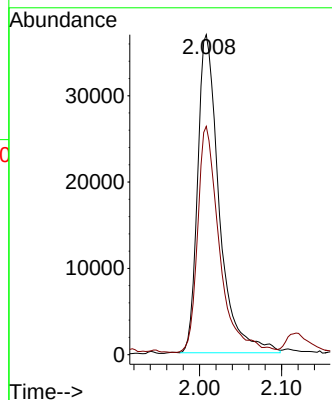
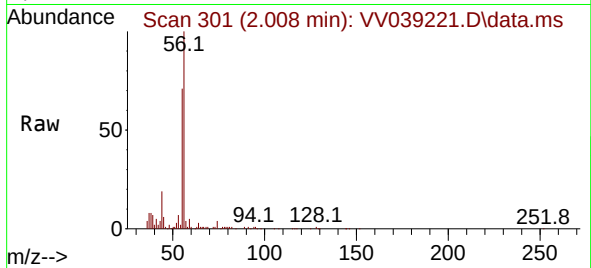




#13
Acrolein
Concen: 224.989 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

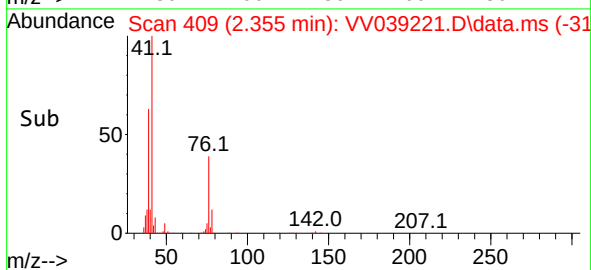
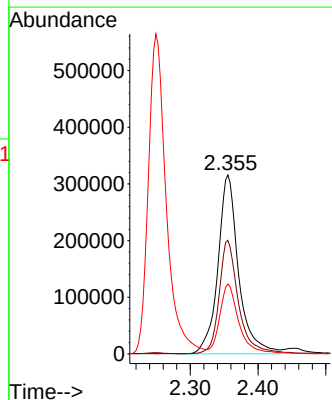
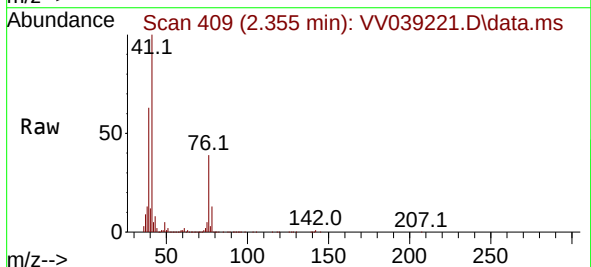
Instrument :
MSVOA_V
ClientSampleId :

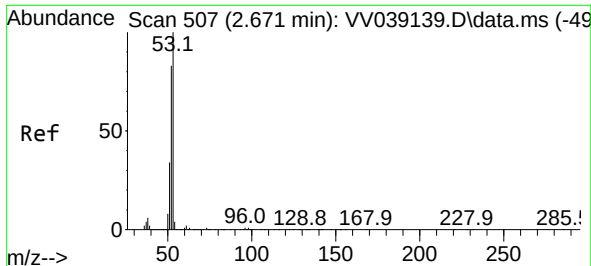
Tgt Ion: 56 Resp: 67411
Ion Ratio Lower Upper
56 100
55 71.8 56.2 84.4



#14
Allyl chloride
Concen: 43.958 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

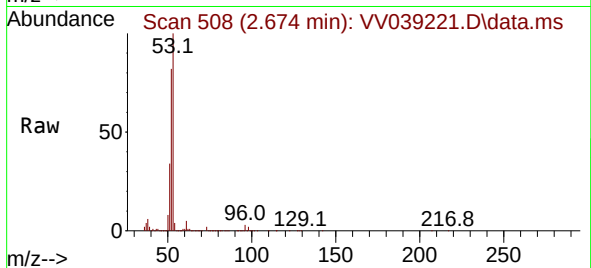
Tgt Ion: 41 Resp: 668296
Ion Ratio Lower Upper
41 100
39 59.3 51.0 76.6
76 36.1 28.2 42.4



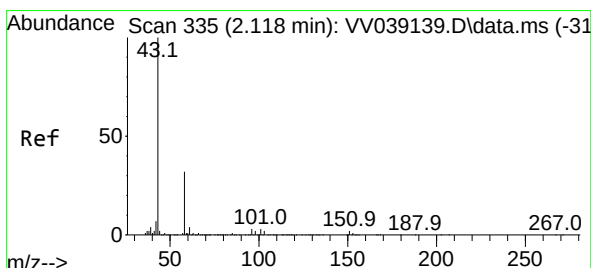
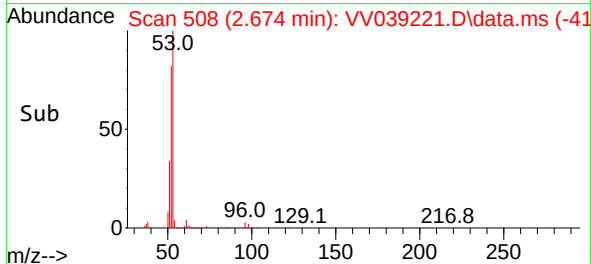
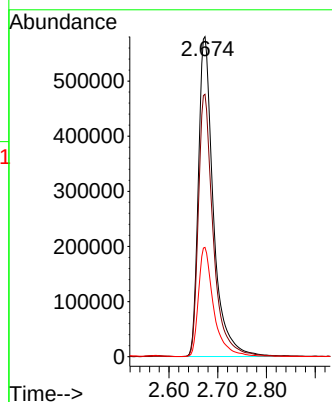


#15
Acrylonitrile
Concen: 224.569 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Instrument :
MSVOA_V
ClientSampleId :

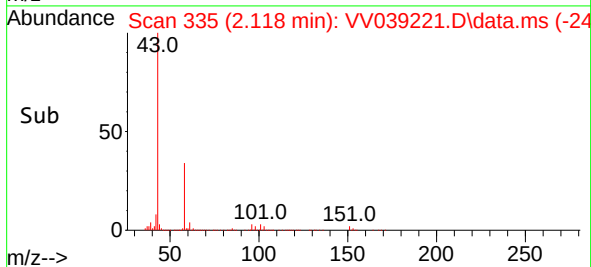
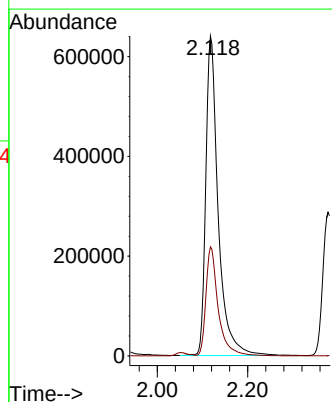
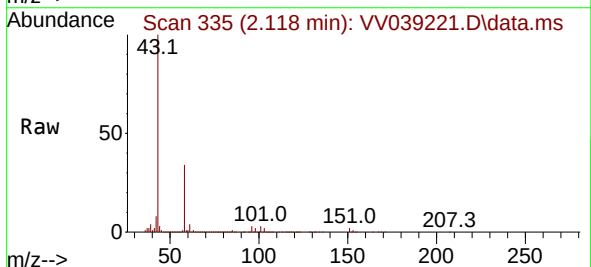


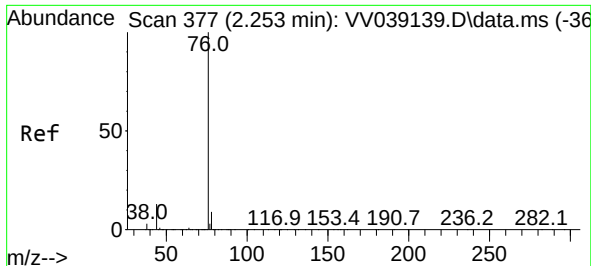
Tgt Ion: 53 Resp: 1243040
Ion Ratio Lower Upper
53 100
52 81.4 66.1 99.1
51 34.7 28.5 42.7



#16
Acetone
Concen: 241.983 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

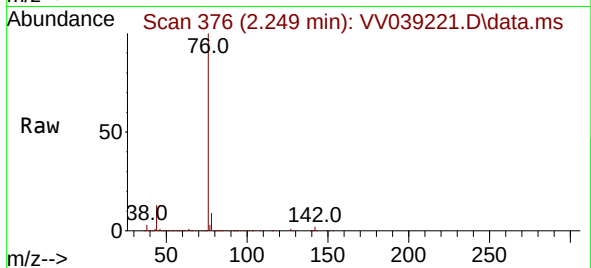
Tgt Ion: 43 Resp: 1224774
Ion Ratio Lower Upper
43 100
58 34.1 25.8 38.6



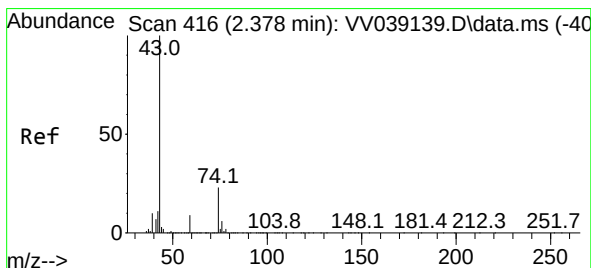
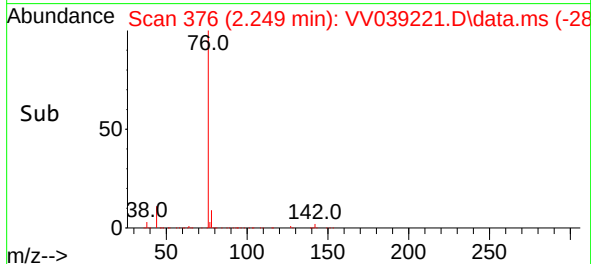
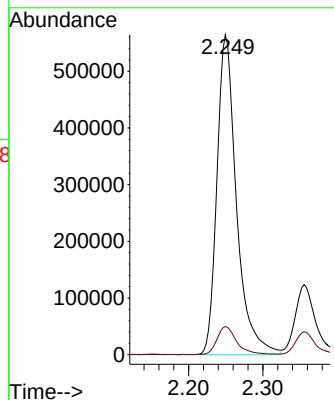


#17
Carbon Disulfide
Concen: 39.644 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Instrument :
MSVOA_V
ClientSampleId :

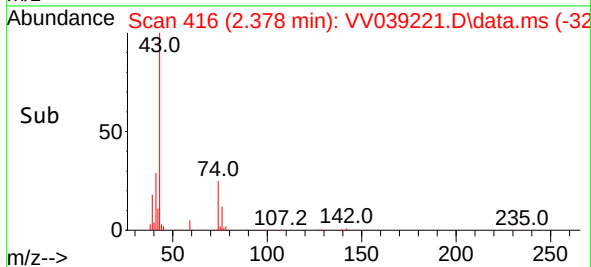
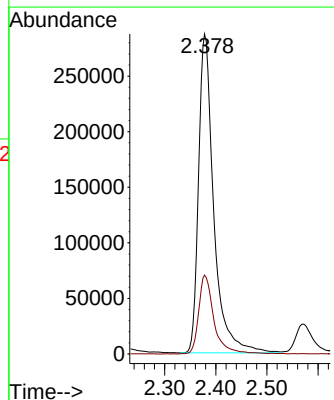
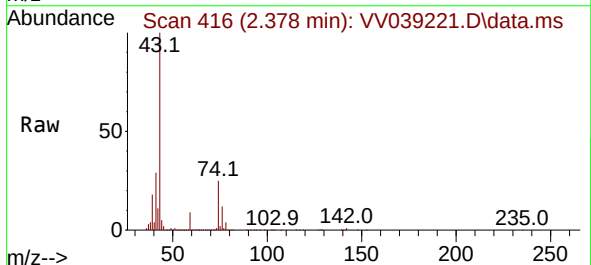


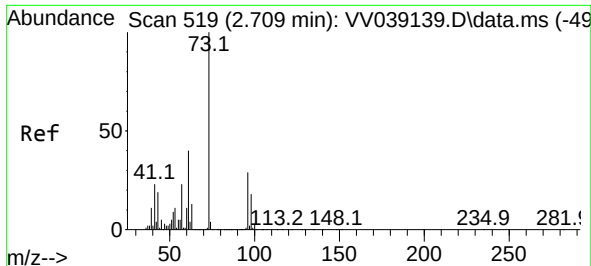
Tgt Ion: 76 Resp: 1031891
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 48.974 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 43 Resp: 592823
Ion Ratio Lower Upper
43 100
74 24.8 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 46.904 ug/l

RT: 2.712 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

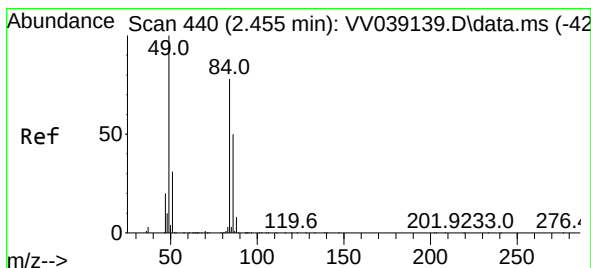
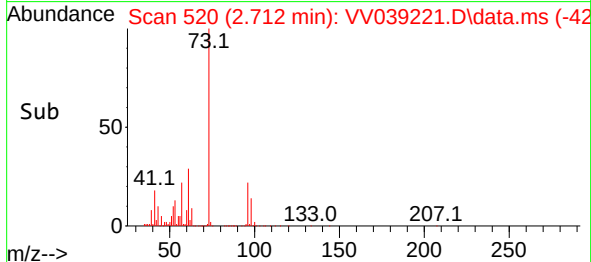
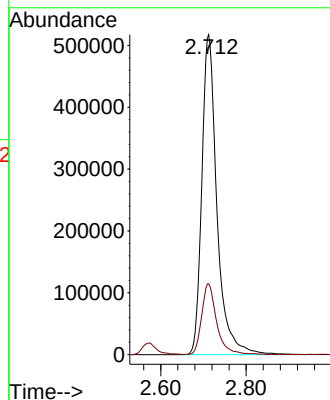
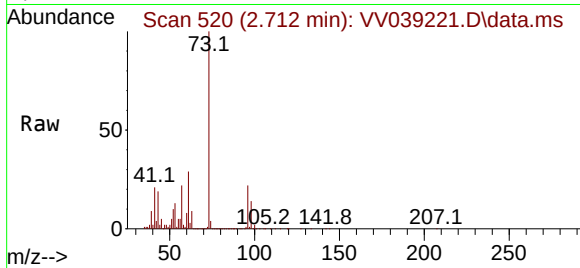
ClientSampleId :

Tgt Ion: 73 Resp: 1272065

Ion Ratio Lower Upper

73 100

57 22.1 18.2 27.4



#20

Methylene Chloride

Concen: 48.961 ug/l

RT: 2.455 min Scan# 440

Delta R.T. 0.000 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Tgt Ion: 84 Resp: 432857

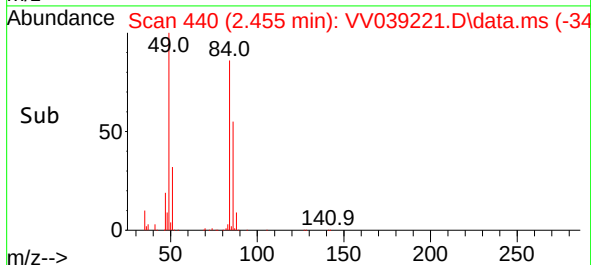
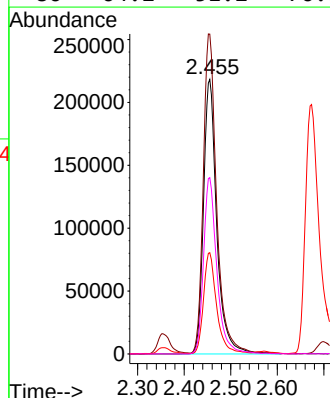
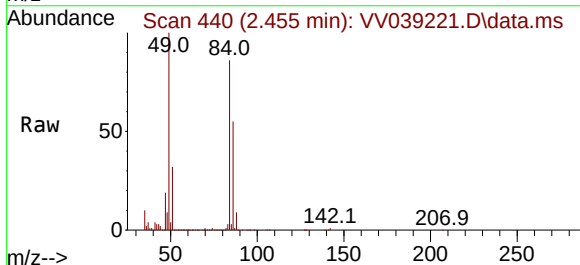
Ion Ratio Lower Upper

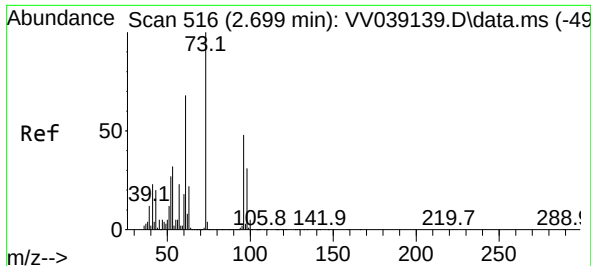
84 100

49 116.4 102.8 154.2

51 36.6 31.9 47.9

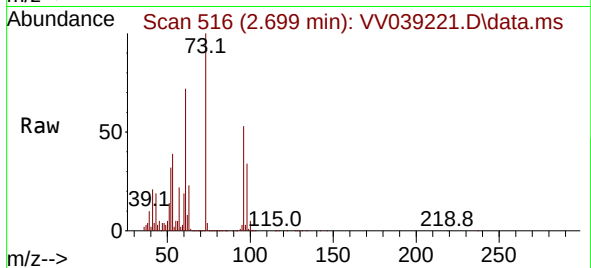
86 64.2 51.2 76.8



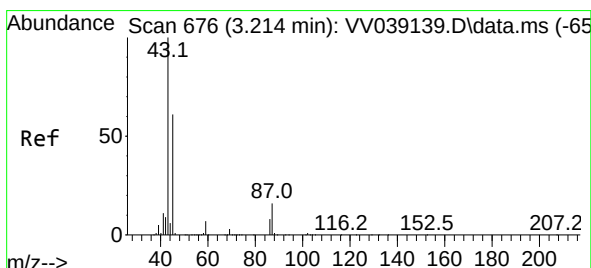
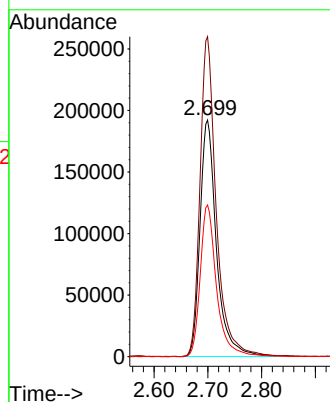
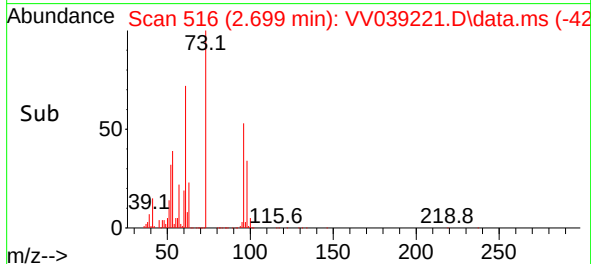


#21
trans-1,2-Dichloroethene
Concen: 45.121 ug/l
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Instrument :
MSVOA_V
ClientSampleId :

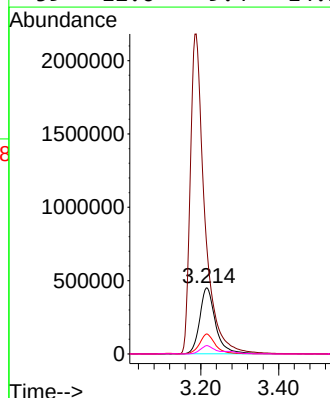
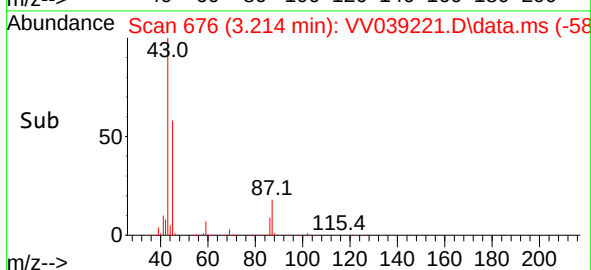
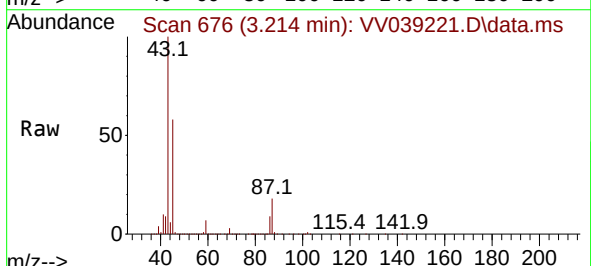


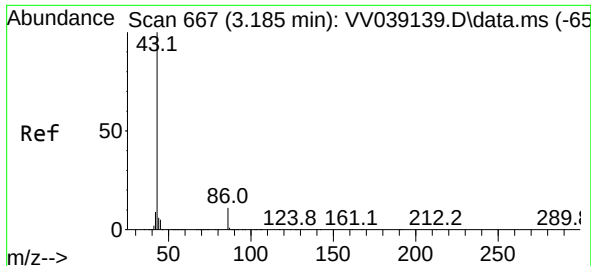
Tgt Ion: 96 Resp: 408823
Ion Ratio Lower Upper
96 100
61 135.3 112.8 169.2
98 64.1 51.1 76.7



#22
Diisopropyl ether
Concen: 43.628 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 45 Resp: 1269043
Ion Ratio Lower Upper
45 100
43 172.3 130.9 196.3
87 30.2 21.1 31.7
59 12.6 9.4 14.2

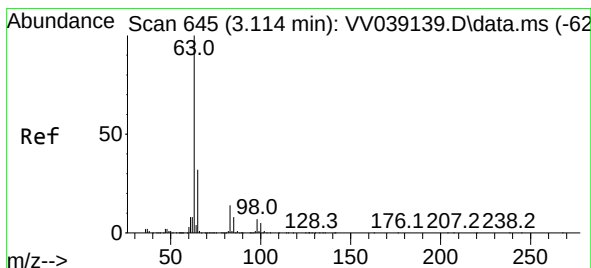
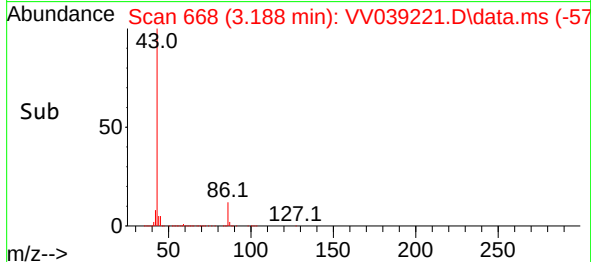
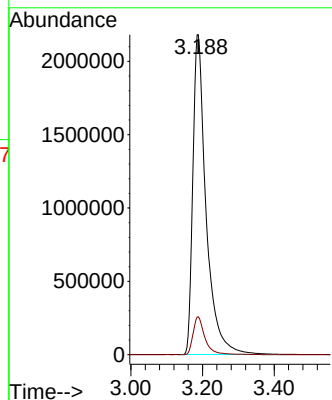
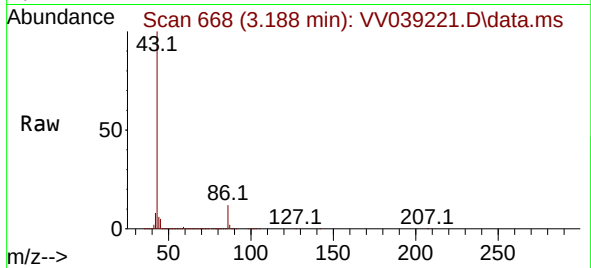




#23
 Vinyl Acetate
 Concen: 220.202 ug/l
 RT: 3.188 min Scan# 60
 Delta R.T. 0.003 min
 Lab File: VV039221.D
 Acq: 29 Sep 2025 11:11

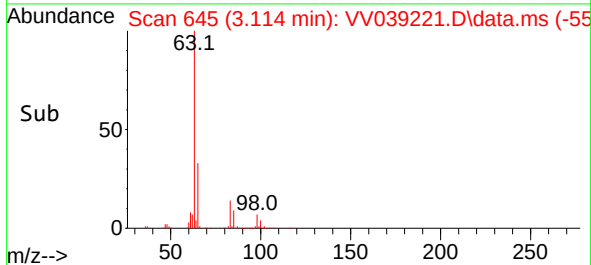
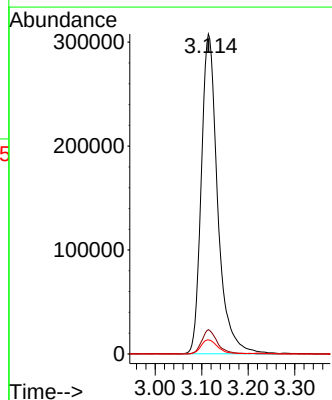
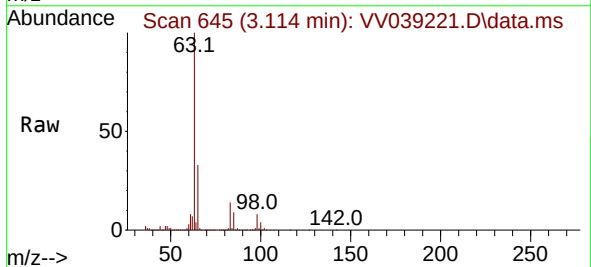
Instrument :
 MSVOA_V
 ClientSampleId :

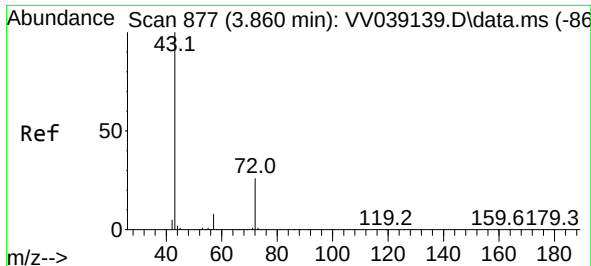
Tgt Ion: 43 Resp: 5603106
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 42.328 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.000 min
 Lab File: VV039221.D
 Acq: 29 Sep 2025 11:11

Tgt Ion: 63 Resp: 752929
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.2
 100 4.4 2.2 6.6

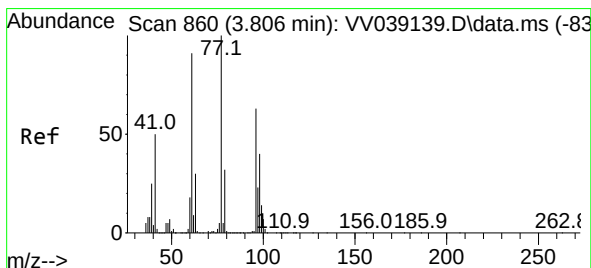
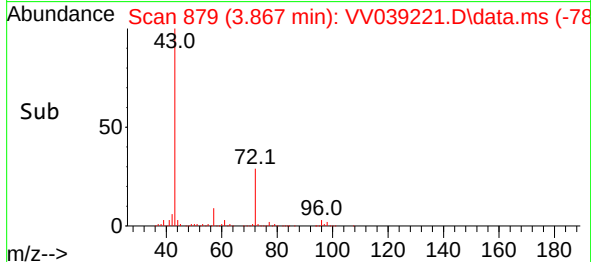
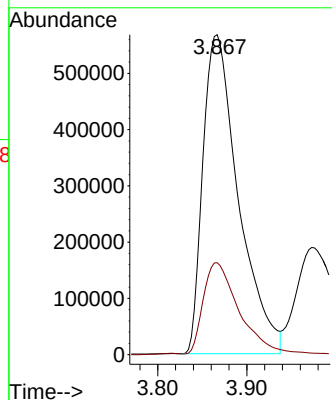
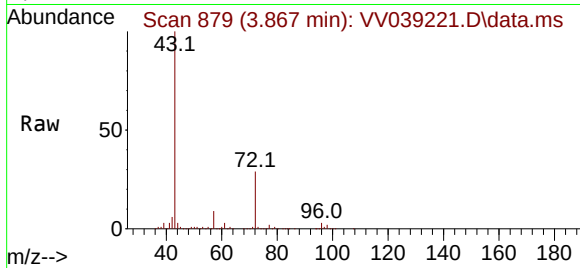




#25
2-Butanone
Concen: 240.588 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

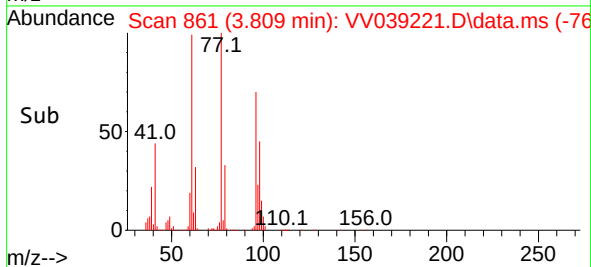
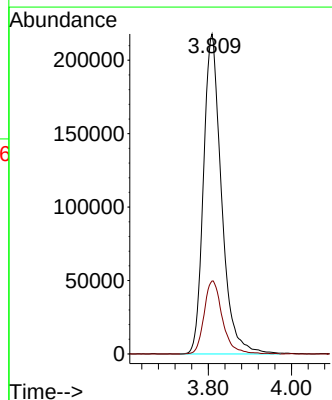
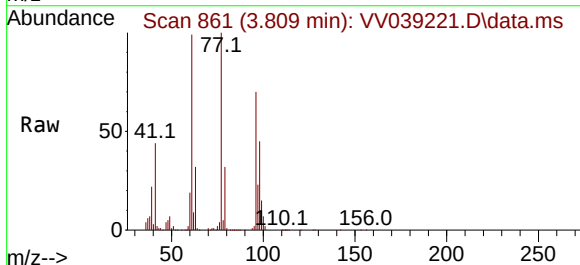
Instrument :
MSVOA_V
ClientSampleId :

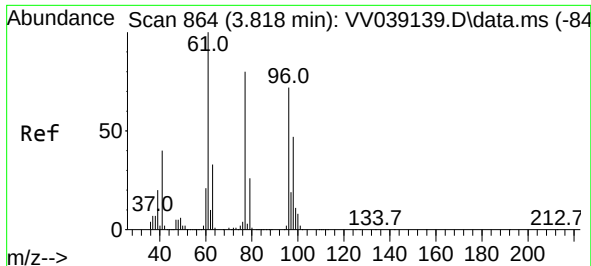
Tgt Ion: 43 Resp: 1573946
Ion Ratio Lower Upper
43 100
72 28.5 21.0 31.6



#26
2,2-Dichloropropane
Concen: 41.534 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

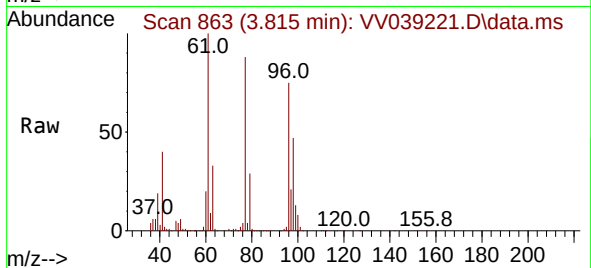
Tgt Ion: 77 Resp: 655070
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7





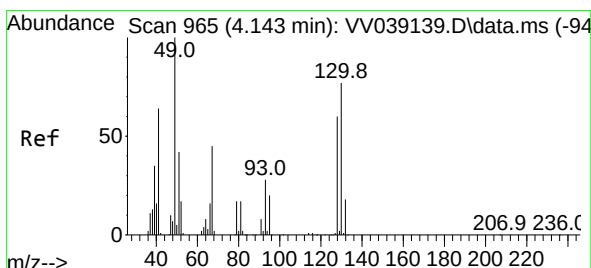
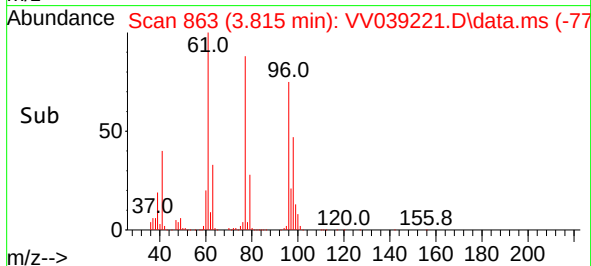
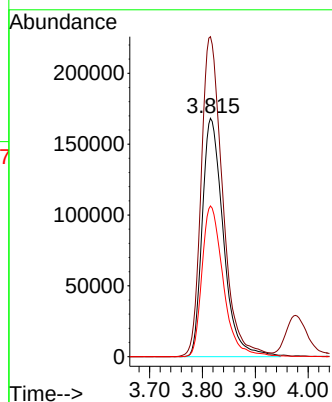
#27
 cis-1,2-Dichloroethene
 Concen: 46.691 ug/l
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV039221.D
 Acq: 29 Sep 2025 11:11

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 466569

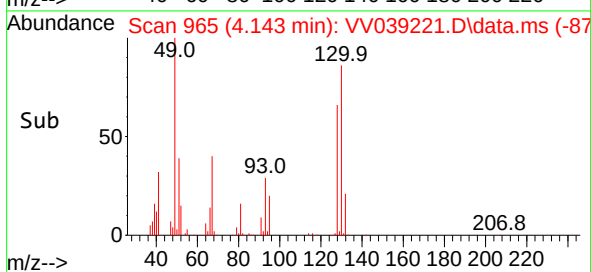
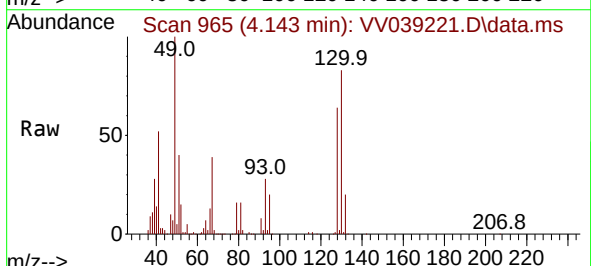
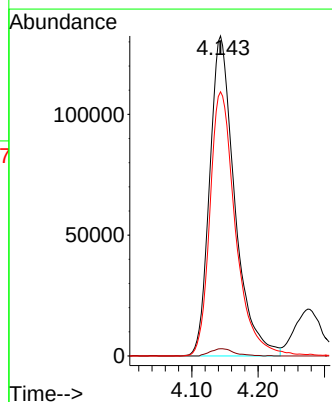
Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	286.4
98	63.8	0.0	126.6

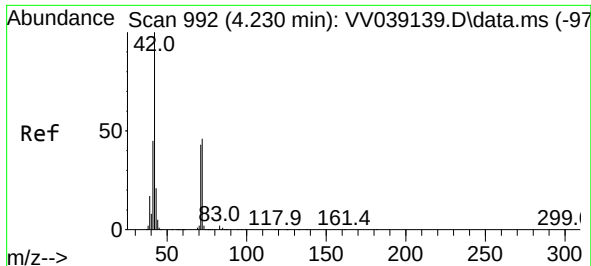


#28
 Bromochloromethane
 Concen: 44.343 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. -0.000 min
 Lab File: VV039221.D
 Acq: 29 Sep 2025 11:11

Tgt Ion: 49 Resp: 348213

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	84.3	60.2	90.2





#29

Tetrahydrofuran

Concen: 240.344 ug/l

RT: 4.236 min Scan# 992

Delta R.T. 0.006 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

ClientSampleId :

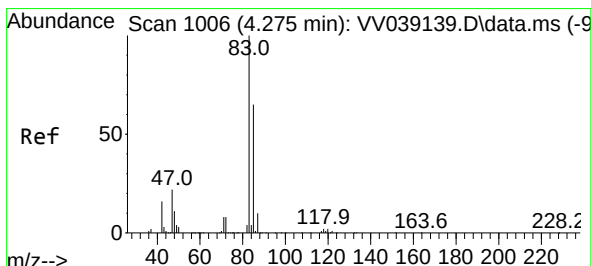
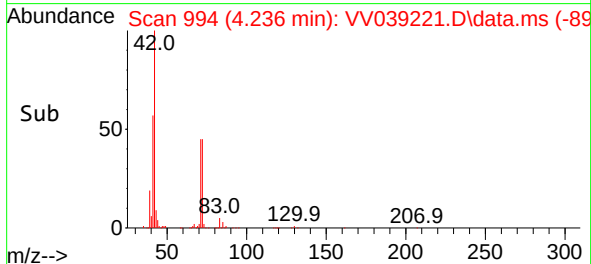
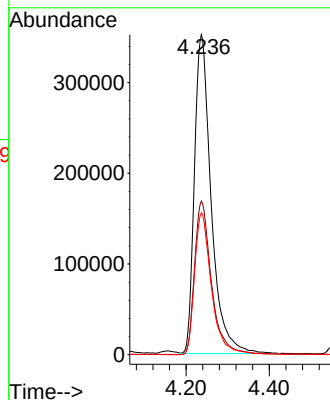
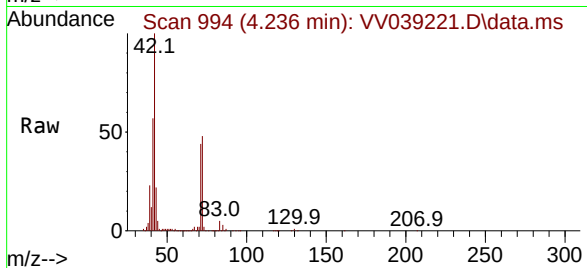
Tgt Ion: 42 Resp: 984175

Ion Ratio Lower Upper

42 100

72 48.3 36.3 54.5

71 44.8 34.3 51.5



#30

Chloroform

Concen: 42.297 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV039221.D

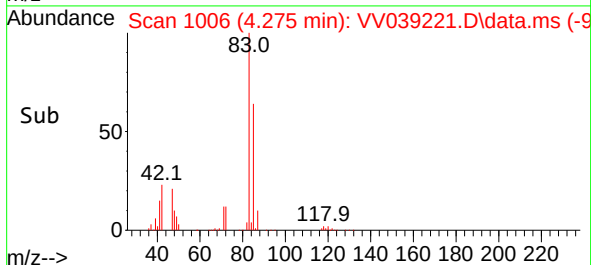
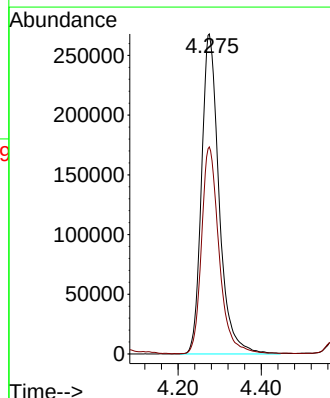
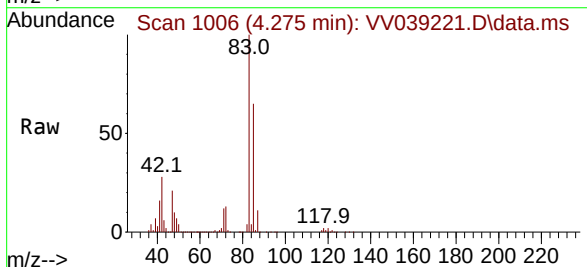
Acq: 29 Sep 2025 11:11

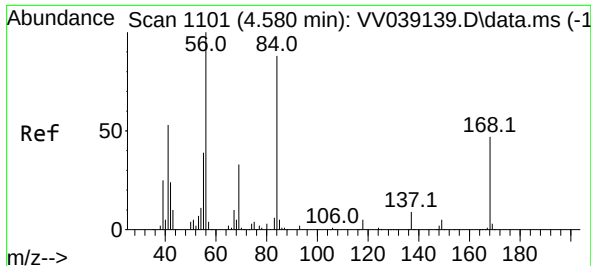
Tgt Ion: 83 Resp: 785637

Ion Ratio Lower Upper

83 100

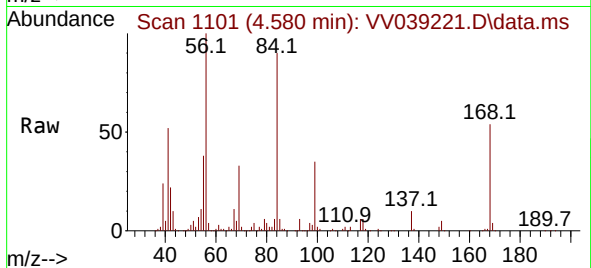
85 64.6 52.1 78.1



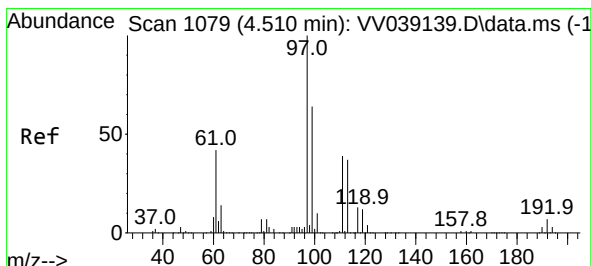
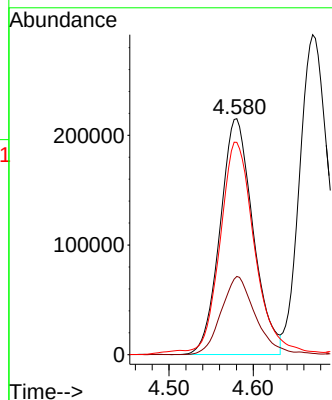
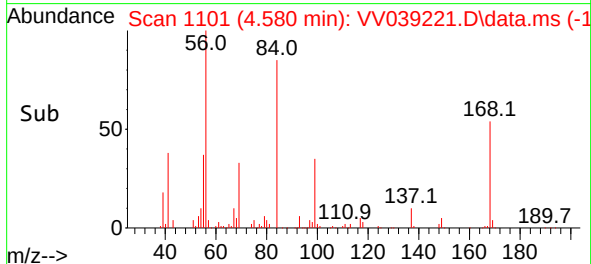


#31
Cyclohexane
Concen: 40.190 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Instrument :
MSVOA_V
ClientSampleId :

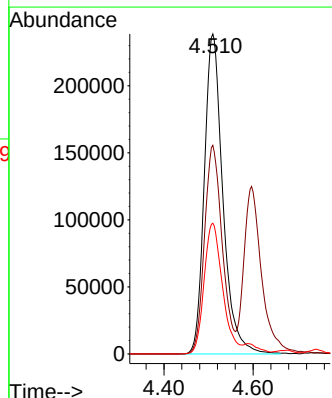
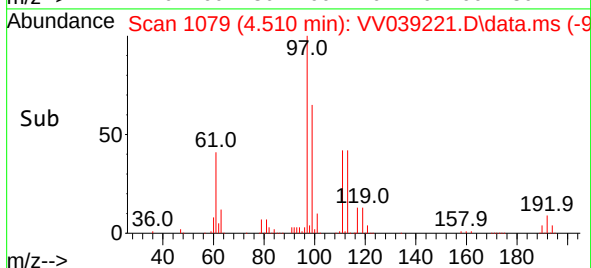
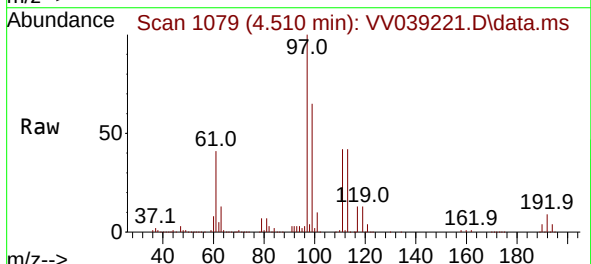


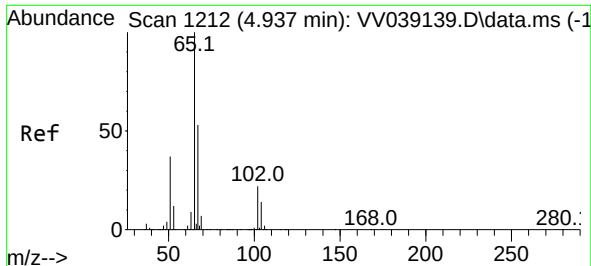
Tgt Ion: 56 Resp: 585623
Ion Ratio Lower Upper
56 100
69 33.1 26.2 39.2
84 88.2 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 42.812 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 97 Resp: 688441
Ion Ratio Lower Upper
97 100
99 62.4 49.6 74.4
61 40.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 42.808 ug/l

RT: 4.941 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

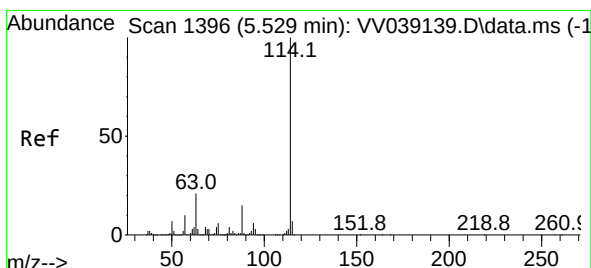
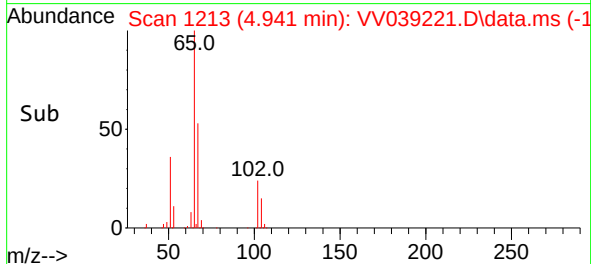
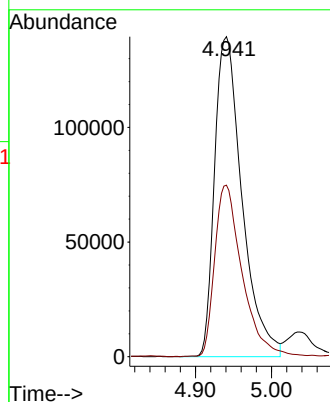
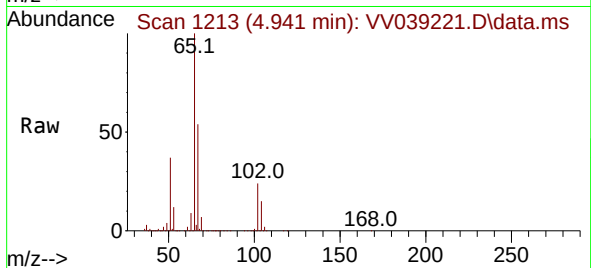
ClientSampleId :

Tgt Ion: 65 Resp: 349728

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

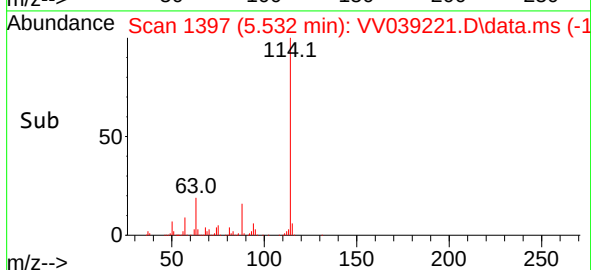
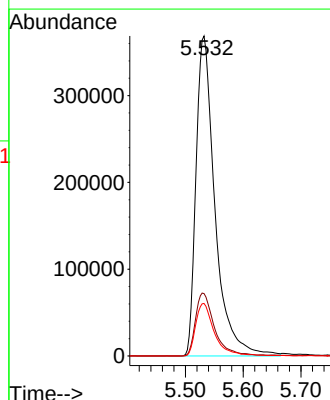
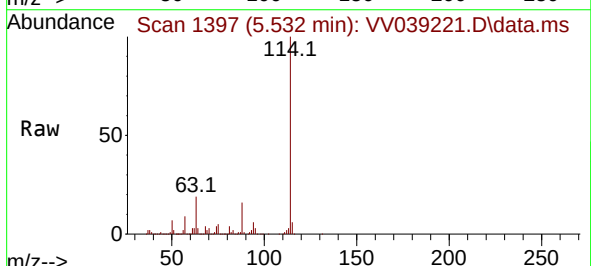
Tgt Ion: 114 Resp: 842301

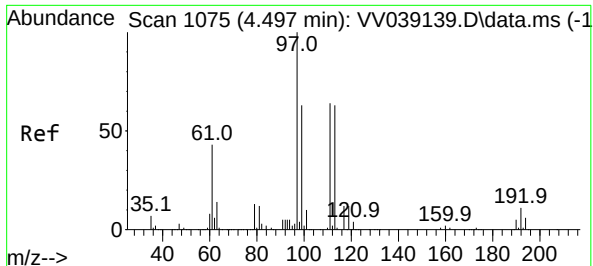
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

88 16.4 0.0 30.8

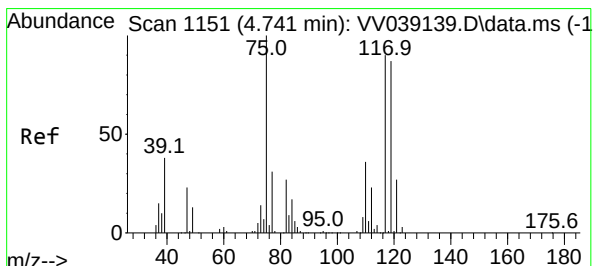
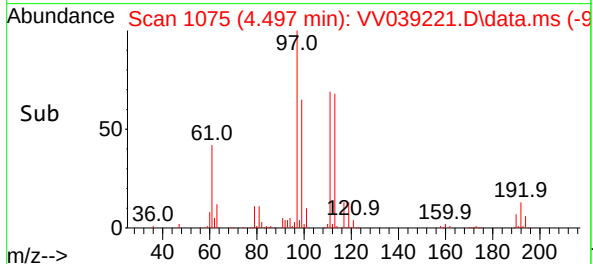
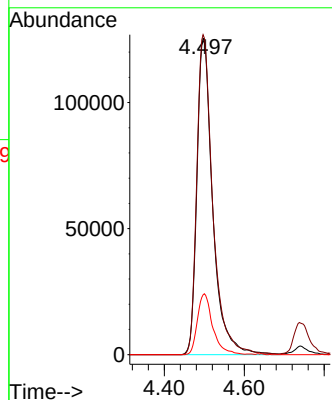
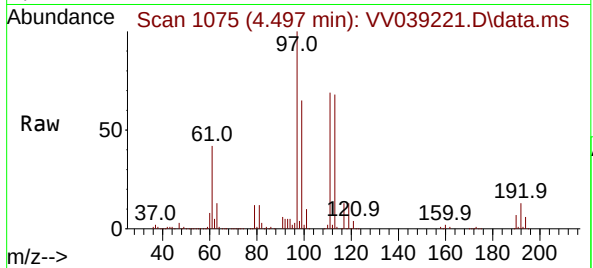




#35
Dibromofluoromethane
Concen: 51.100 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

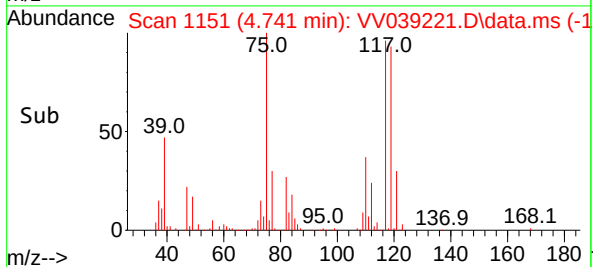
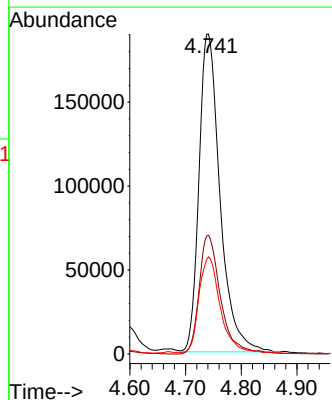
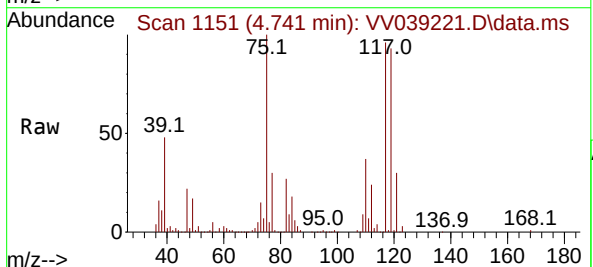
Instrument :
MSVOA_V
ClientSampleId :

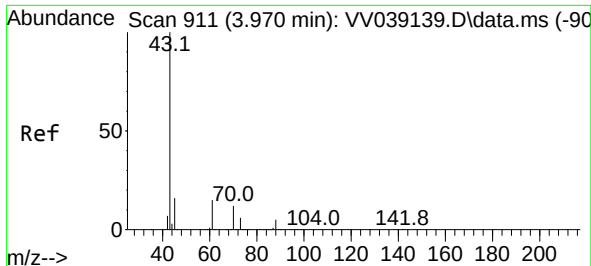
Tgt Ion:113 Resp: 346022
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 18.7 13.8 20.8



#36
1,1-Dichloropropene
Concen: 48.595 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 75 Resp: 497503
Ion Ratio Lower Upper
75 100
110 37.5 18.1 54.1
77 29.9 24.8 37.2

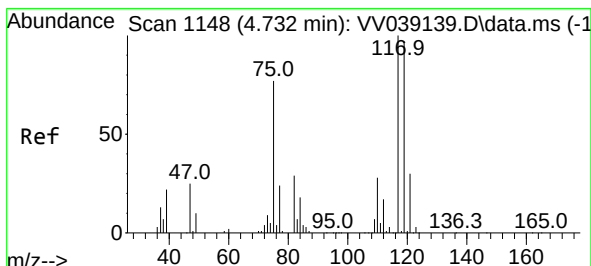
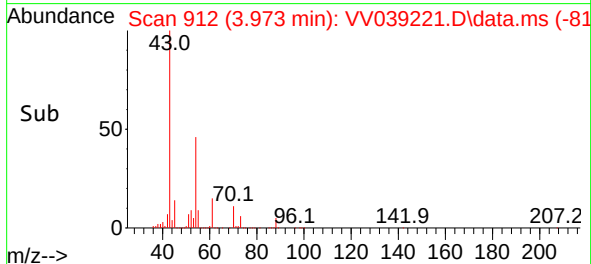
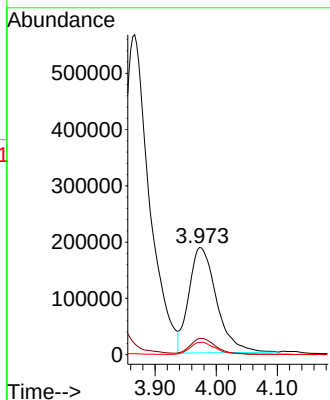
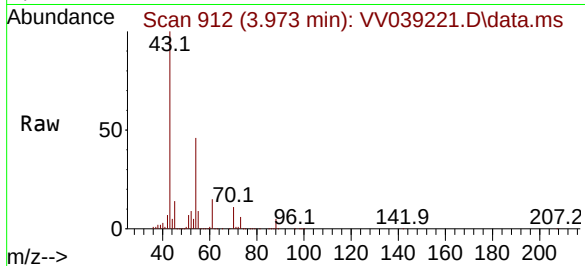




#37
Ethyl Acetate
Concen: 47.309 ug/l
RT: 3.973 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

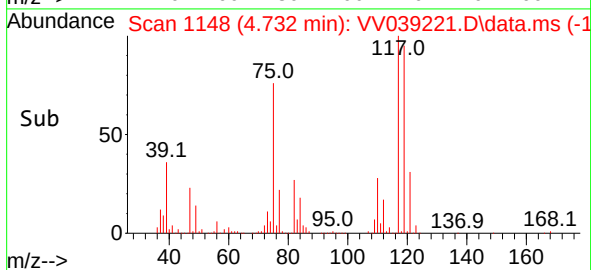
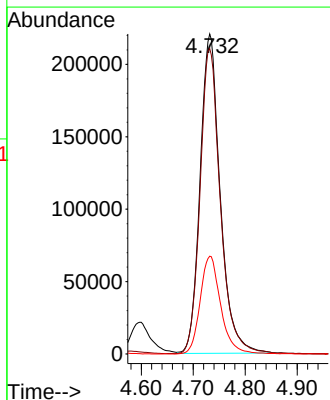
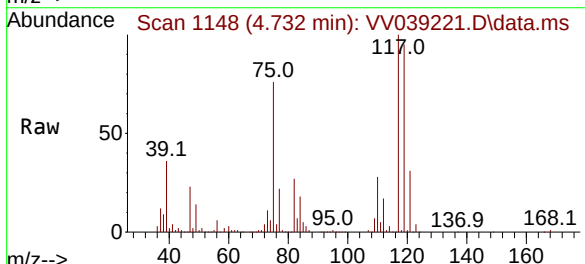
Instrument :
MSVOA_V
ClientSampleId :

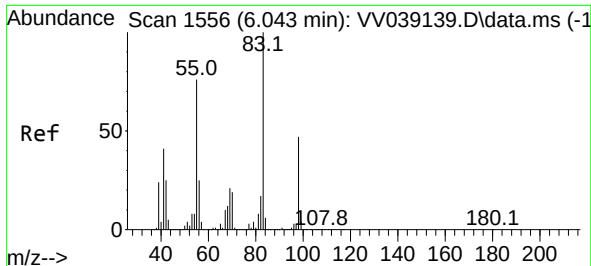
Tgt Ion: 43 Resp: 587710
Ion Ratio Lower Upper
43 100
61 13.9 10.3 15.5
70 11.0 8.0 12.0



#38
Carbon Tetrachloride
Concen: 47.329 ug/l
RT: 4.732 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 117 Resp: 592185
Ion Ratio Lower Upper
117 100
119 95.5 77.2 115.8
121 30.6 24.2 36.2

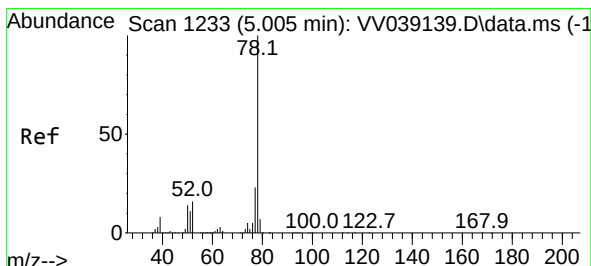
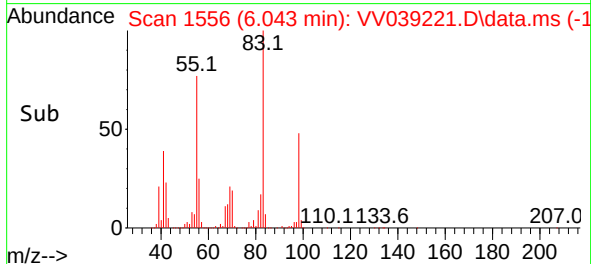
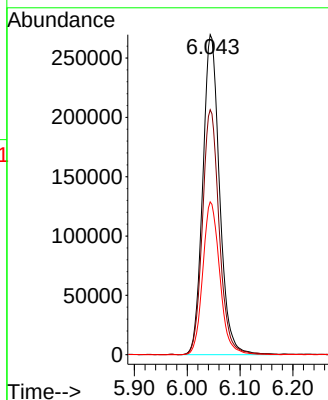
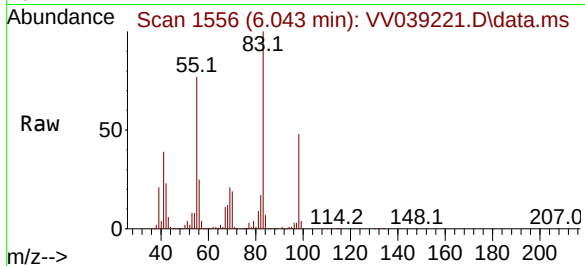




#39
Methylcyclohexane
Concen: 48.172 ug/l
RT: 6.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

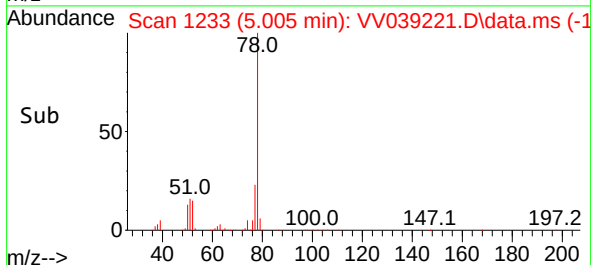
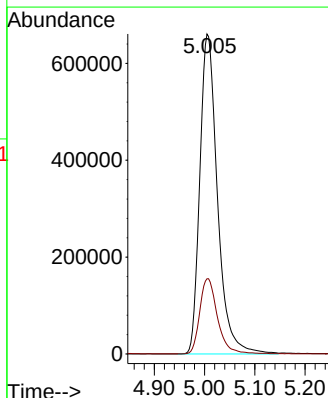
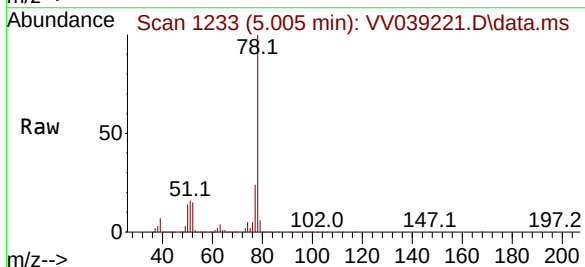
Instrument :
MSVOA_V
ClientSampleId :

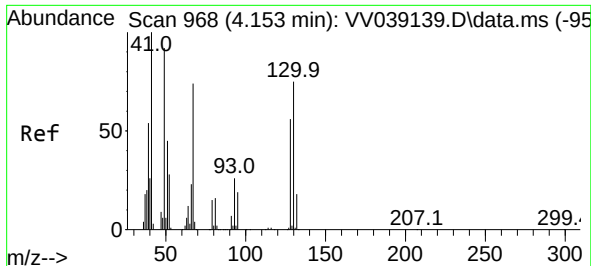
Tgt Ion: 83 Resp: 595570
Ion Ratio Lower Upper
83 100
55 76.5 60.5 90.7
98 47.8 37.8 56.6



#40
Benzene
Concen: 48.334 ug/l
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 78 Resp: 1611342
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1

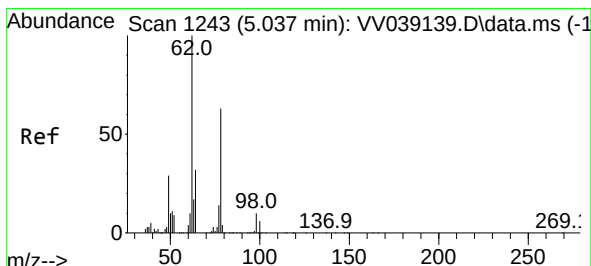
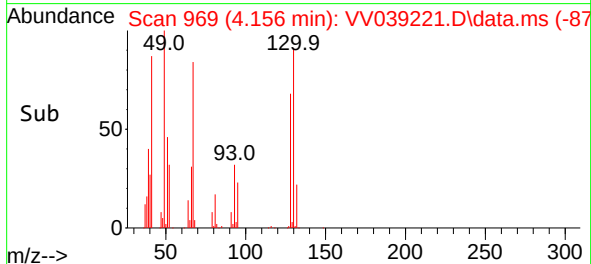
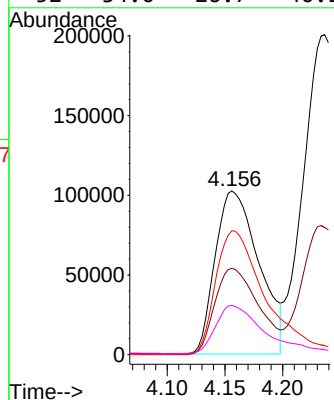
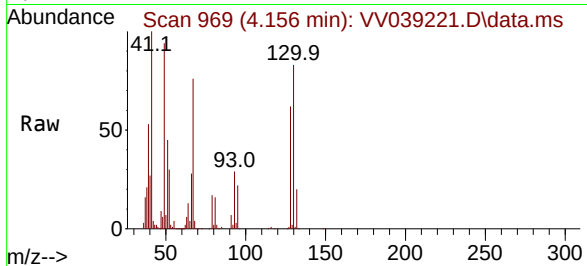




#41
Methacrylonitrile
Concen: 48.162 ug/l
RT: 4.156 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

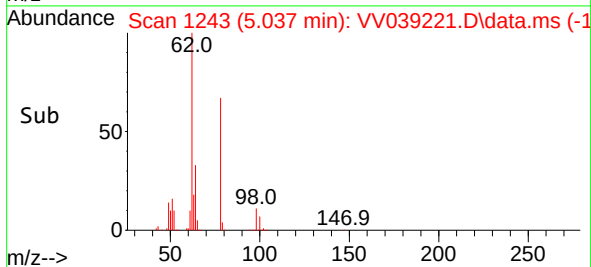
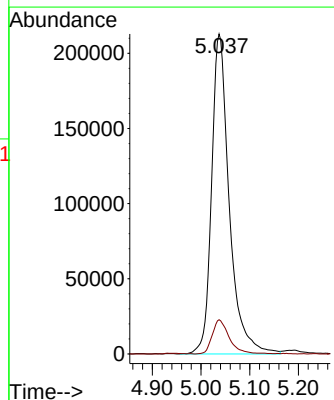
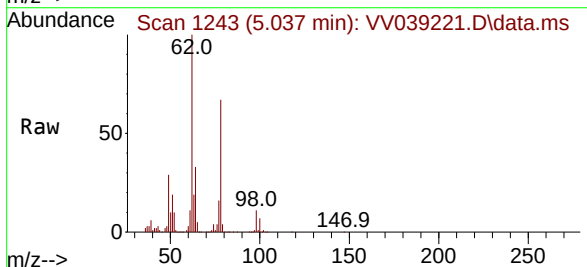
Instrument :
MSVOA_V
ClientSampleId :

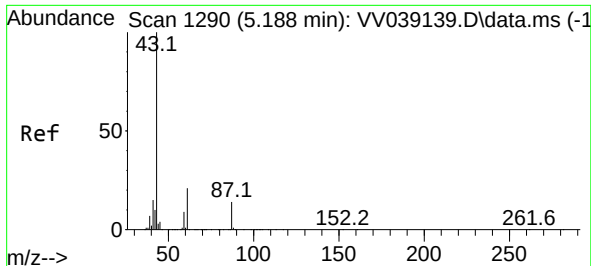
Tgt Ion: 41 Resp: 270101
Ion Ratio Lower Upper
41 100
39 52.4 42.2 63.2
67 87.5 67.9 101.9
52 34.0 26.7 40.1



#42
1,2-Dichloroethane
Concen: 45.932 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 62 Resp: 536537
Ion Ratio Lower Upper
62 100
98 10.4 0.0 19.2

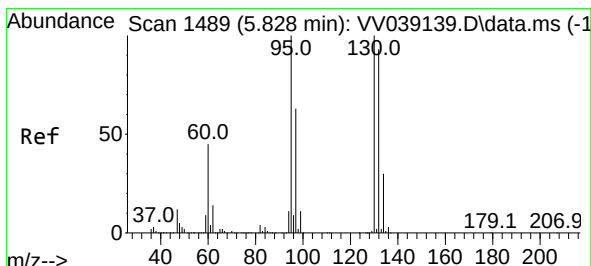
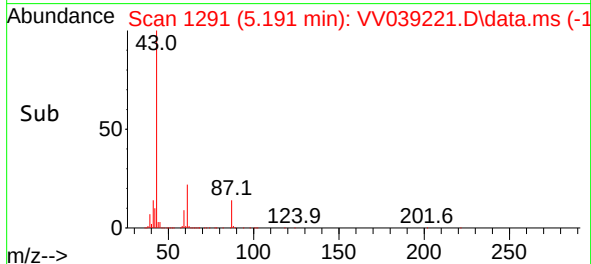
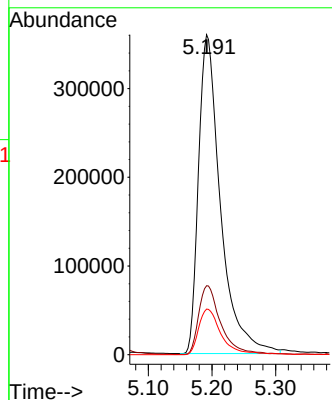
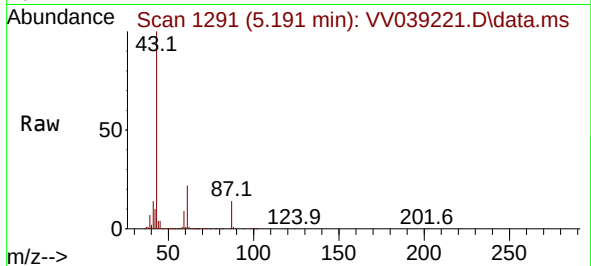




#43
Isopropyl Acetate
Concen: 50.981 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

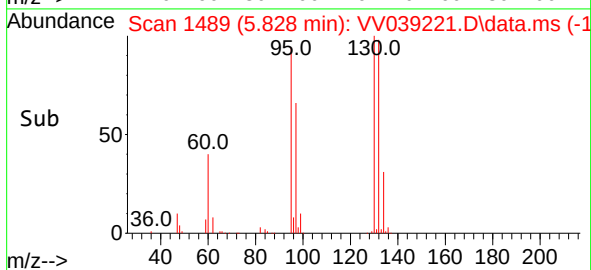
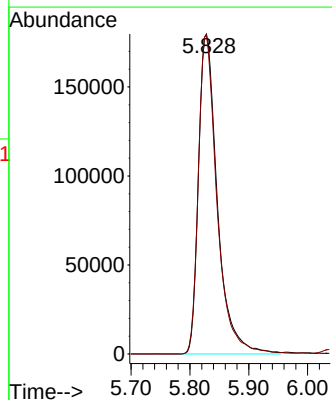
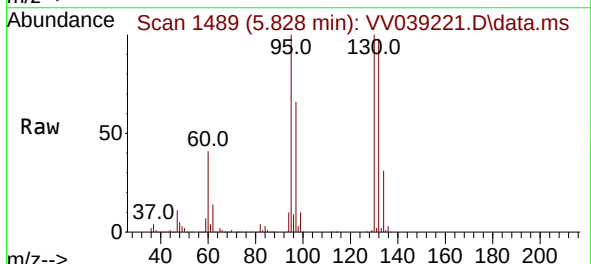
Instrument :
MSVOA_V
ClientSampleId :

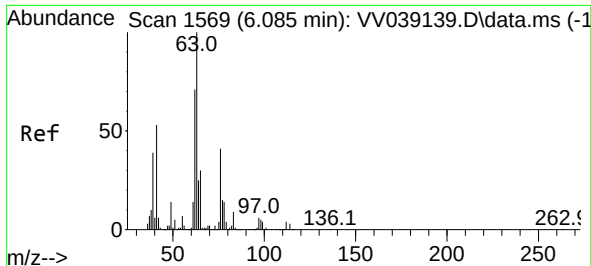
Tgt Ion: 43 Resp: 863524
Ion Ratio Lower Upper
43 100
61 21.5 15.9 23.9
87 14.8 11.0 16.6



#44
Trichloroethene
Concen: 52.139 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion:130 Resp: 401095
Ion Ratio Lower Upper
130 100
95 99.7 0.0 199.2





#45

1,2-Dichloropropane

Concen: 49.295 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

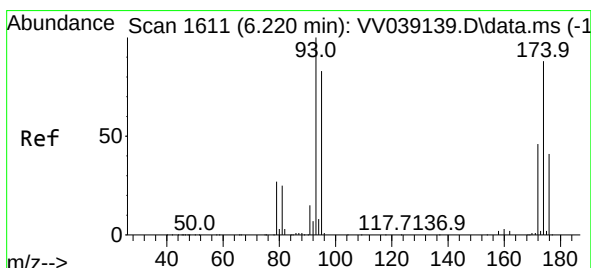
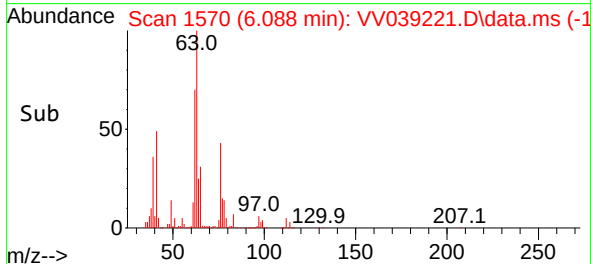
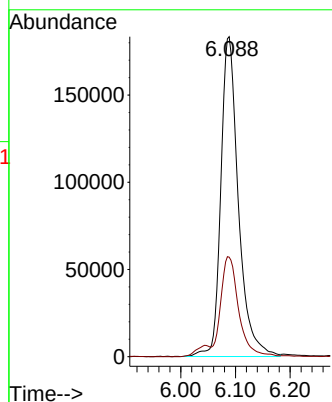
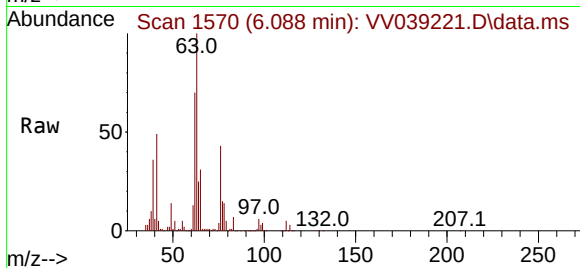
ClientSampleId :

Tgt Ion: 63 Resp: 408473

Ion Ratio Lower Upper

63 100

65 31.1 23.7 35.5



#46

Dibromomethane

Concen: 49.060 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.003 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

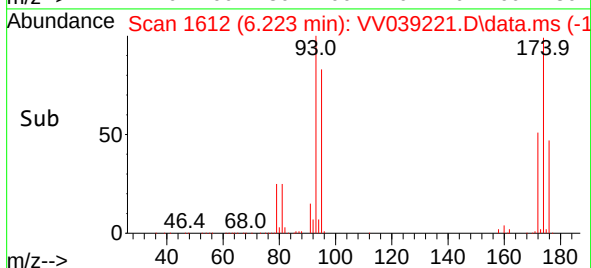
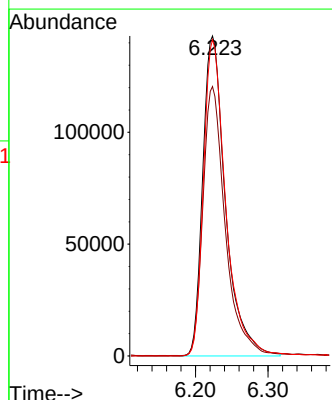
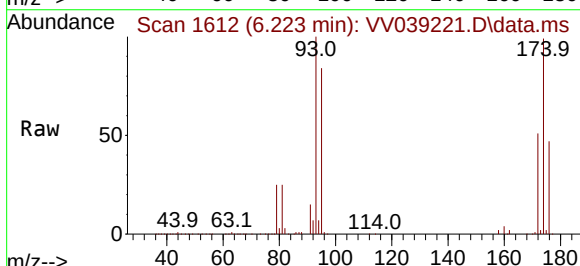
Tgt Ion: 93 Resp: 311150

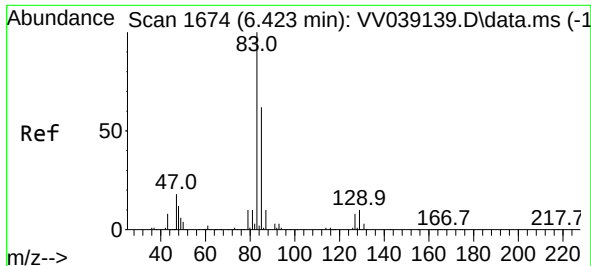
Ion Ratio Lower Upper

93 100

95 82.8 65.5 98.3

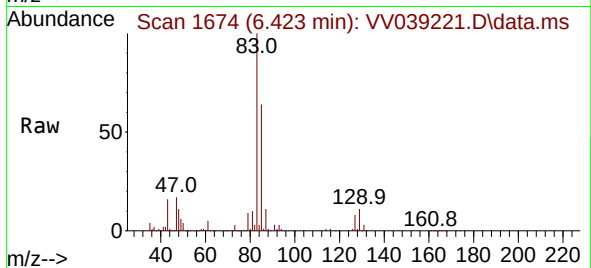
174 97.5 69.0 103.4



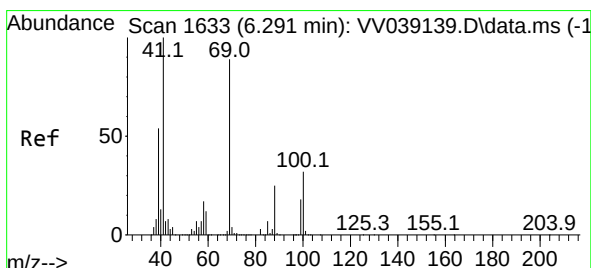
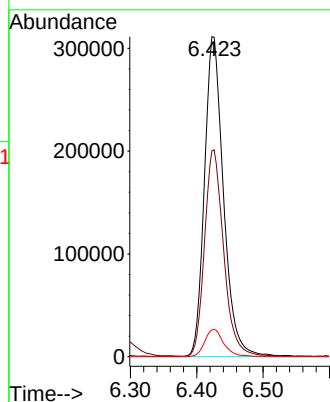
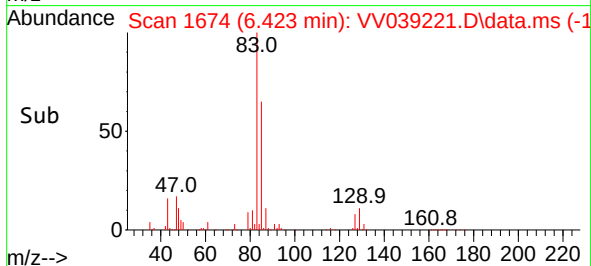


#47
Bromodichloromethane
Concen: 47.336 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

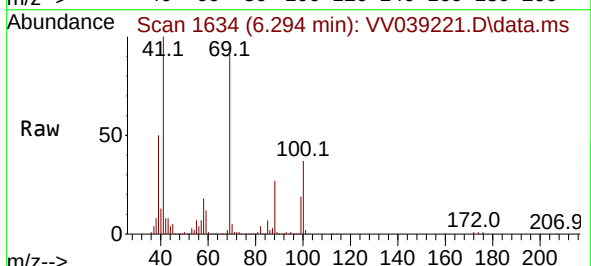
Instrument :
MSVOA_V
ClientSampleId :



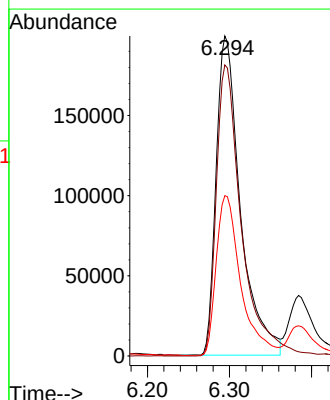
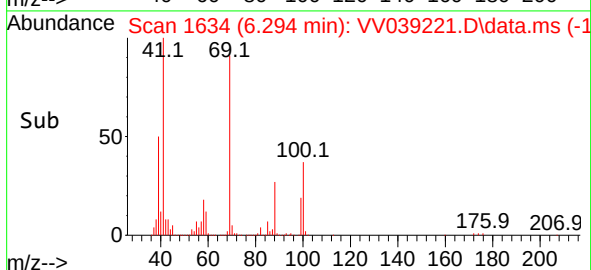
Tgt Ion: 83 Resp: 620639
Ion Ratio Lower Upper
83 100
85 64.2 49.7 74.5
127 8.4 6.6 9.8

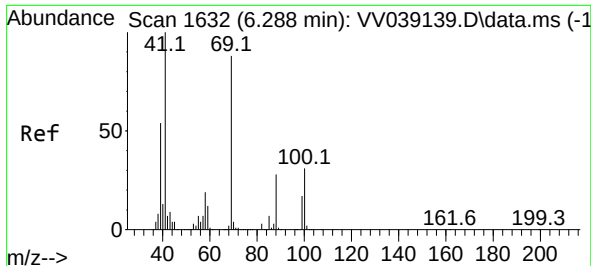


#48
Methyl methacrylate
Concen: 53.435 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11



Tgt Ion: 41 Resp: 410277
Ion Ratio Lower Upper
41 100
69 94.3 72.4 108.6
39 50.3 42.5 63.7





#49

1,4-Dioxane

Concen: 1093.922 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

ClientSampleId :

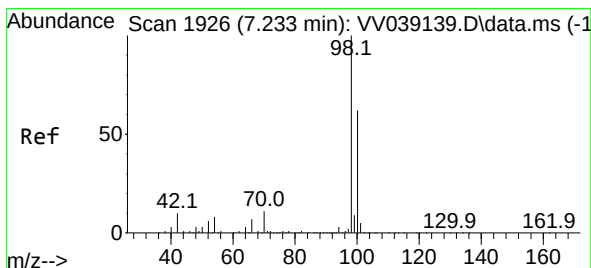
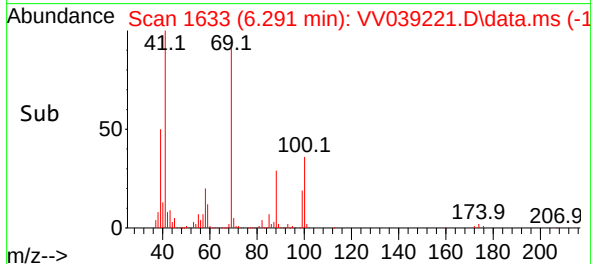
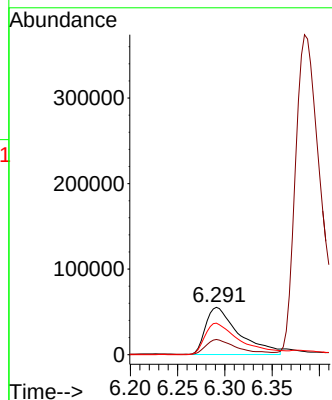
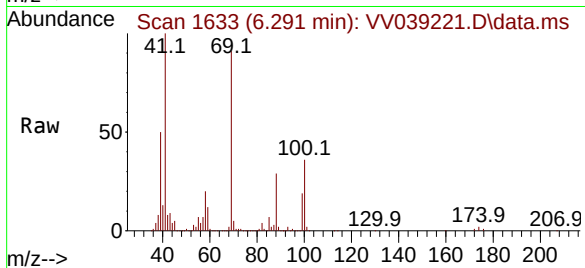
Tgt Ion: 88 Resp: 135545

Ion Ratio Lower Upper

88 100

43 29.1 25.1 37.7

58 71.0 53.6 80.4



#50

Toluene-d8

Concen: 48.458 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.000 min

Lab File: VV039221.D

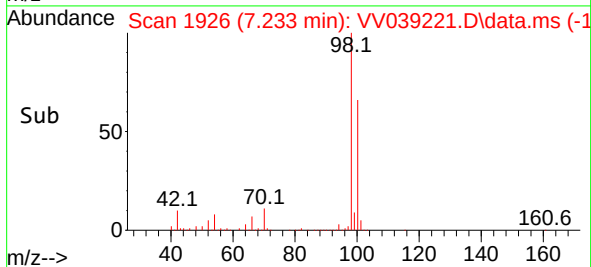
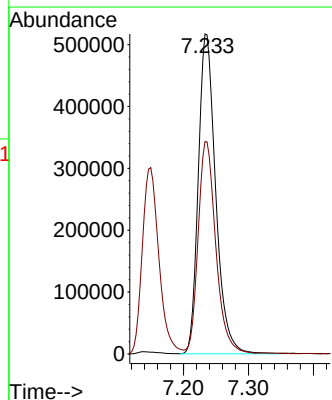
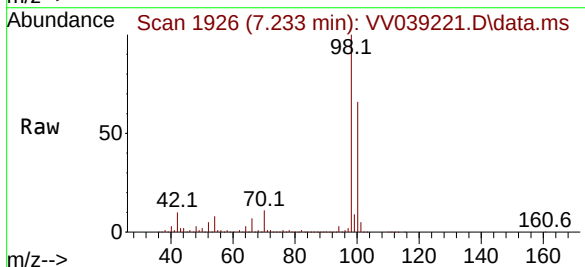
Acq: 29 Sep 2025 11:11

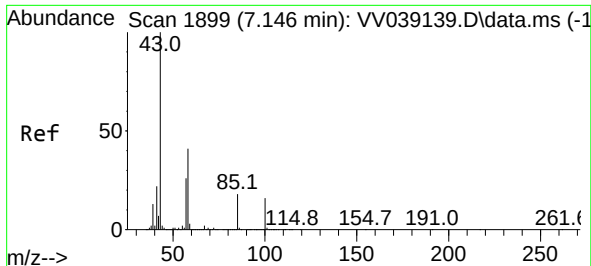
Tgt Ion: 98 Resp: 963722

Ion Ratio Lower Upper

98 100

100 67.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 271.028 ug/l

RT: 7.146 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

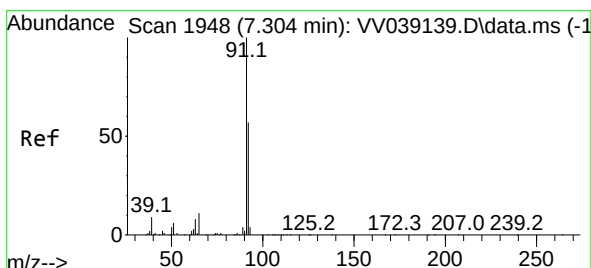
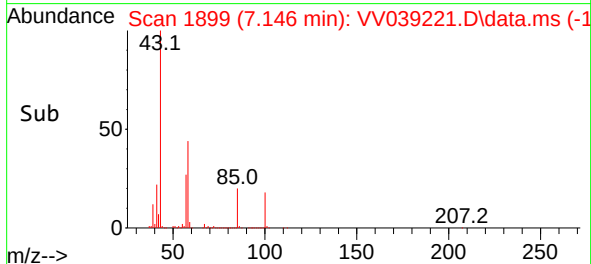
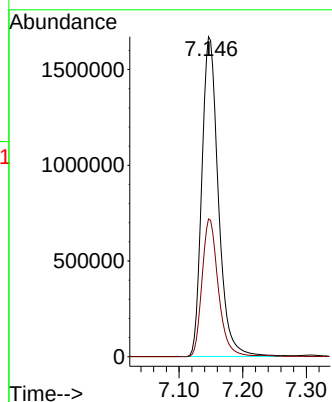
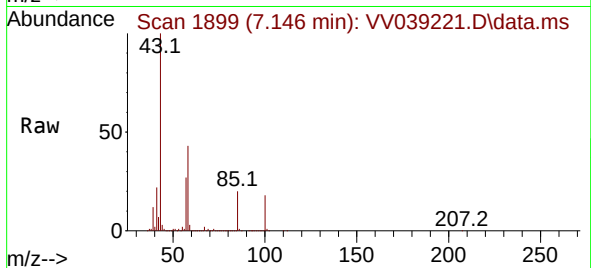
ClientSampleId :

Tgt Ion: 43 Resp: 3020119

Ion Ratio Lower Upper

43 100

58 42.4 32.3 48.5



#52

Toluene

Concen: 53.051 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039221.D

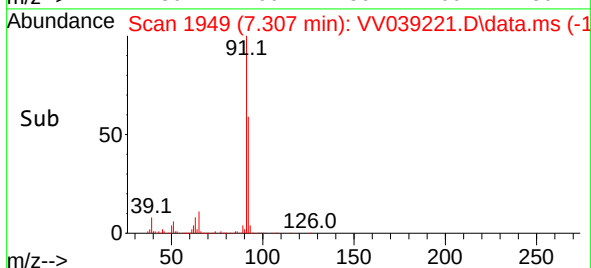
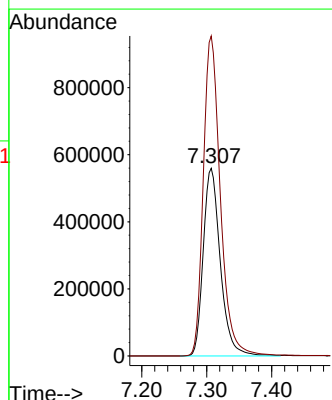
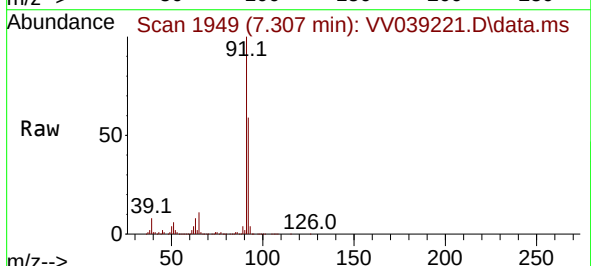
Acq: 29 Sep 2025 11:11

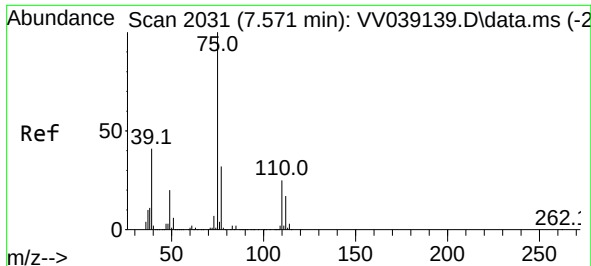
Tgt Ion: 92 Resp: 1025430

Ion Ratio Lower Upper

92 100

91 170.5 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 53.914 ug/l

RT: 7.571 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

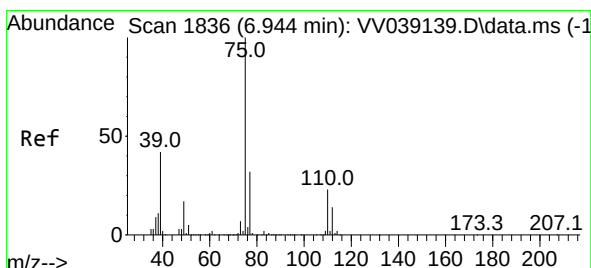
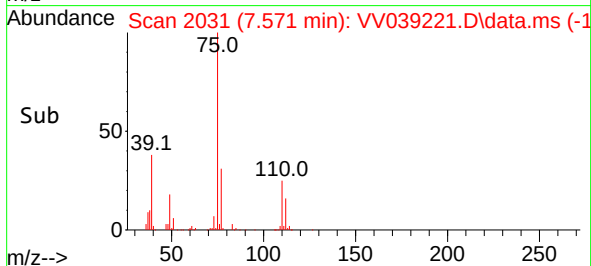
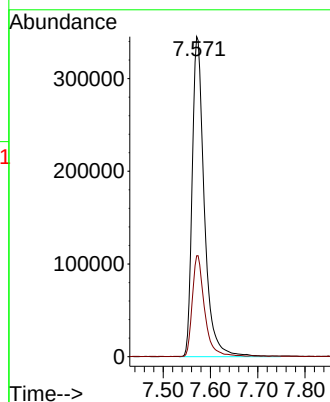
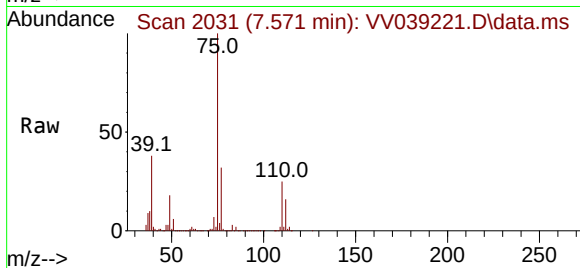
ClientSampleId :

Tgt Ion: 75 Resp: 616048

Ion Ratio Lower Upper

75 100

77 31.4 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 53.126 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

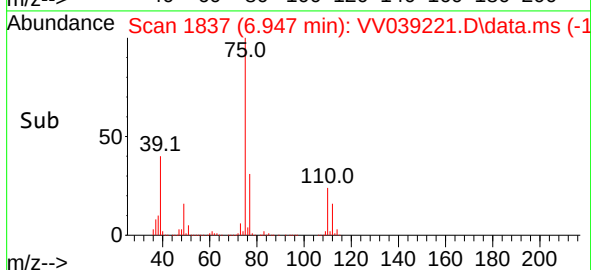
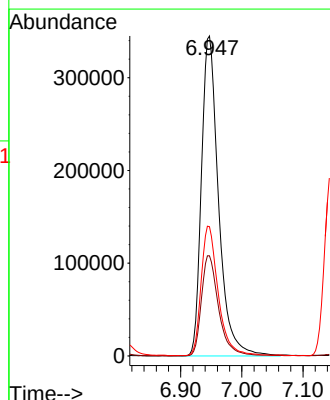
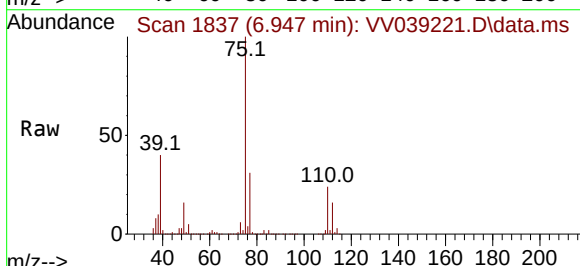
Tgt Ion: 75 Resp: 670138

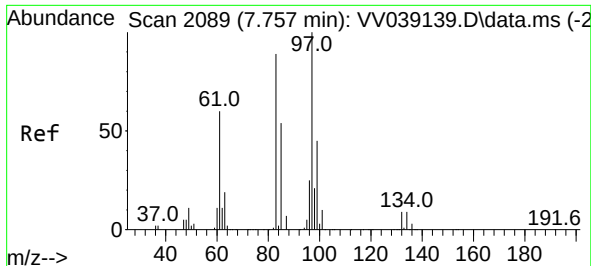
Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 40.3 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 50.719 ug/l

RT: 7.760 min Scan# 2089

Delta R.T. 0.003 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 439583

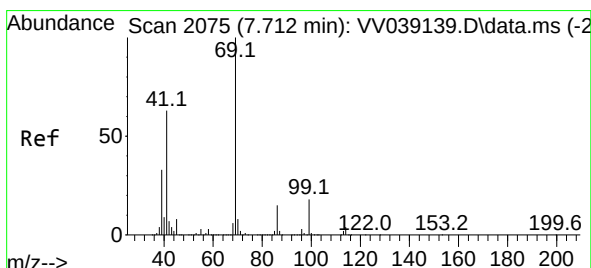
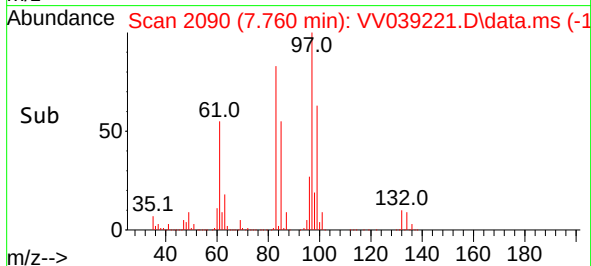
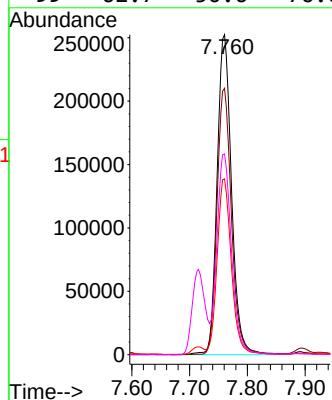
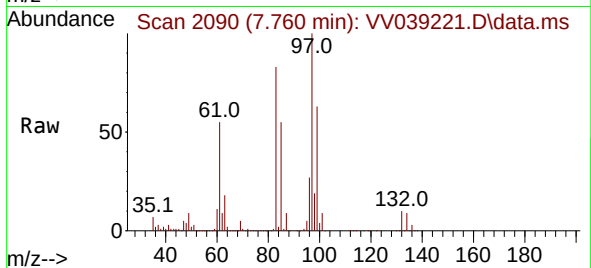
Ion Ratio Lower Upper

97 100

83 83.1 71.1 106.7

85 54.9 44.6 67.0

99 62.7 50.6 76.0



#56

Ethyl methacrylate

Concen: 58.788 ug/l

RT: 7.715 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

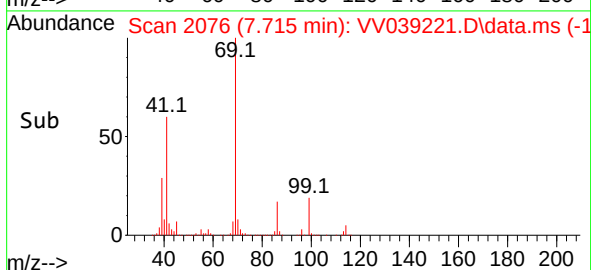
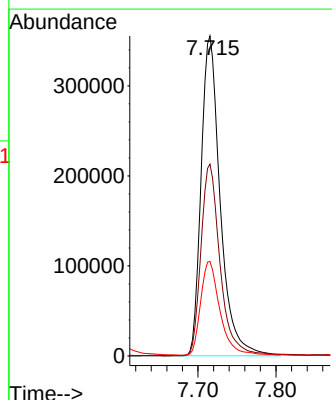
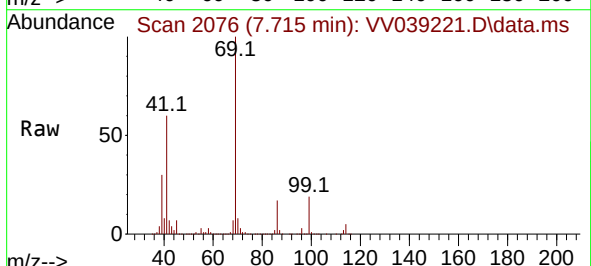
Tgt Ion: 69 Resp: 605076

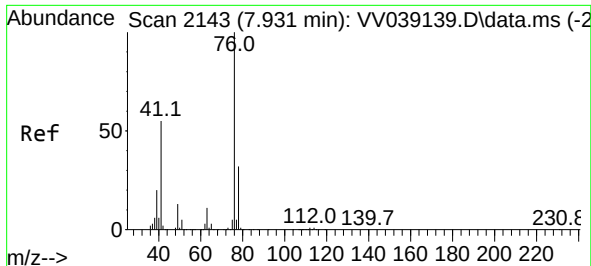
Ion Ratio Lower Upper

69 100

41 60.1 50.7 76.1

39 29.8 26.0 39.0

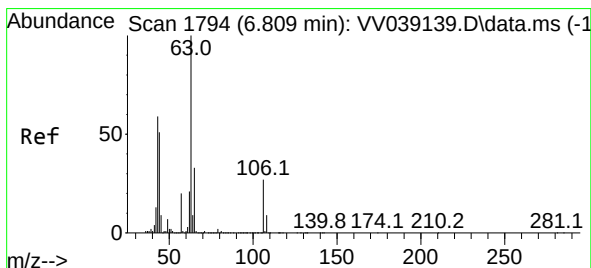
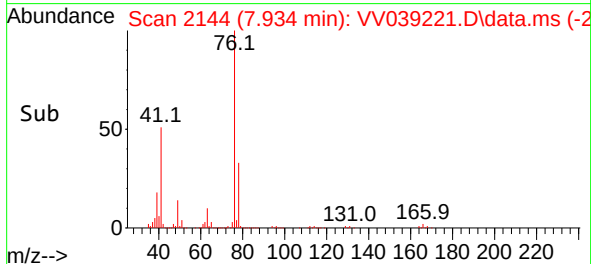
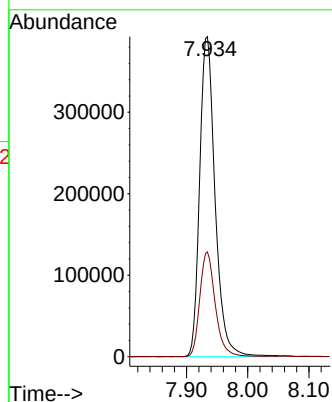
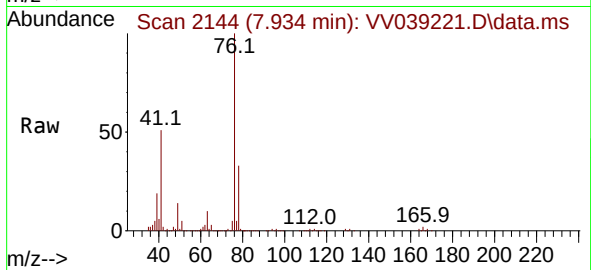




#57
1,3-Dichloropropane
Concen: 50.365 ug/l
RT: 7.934 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

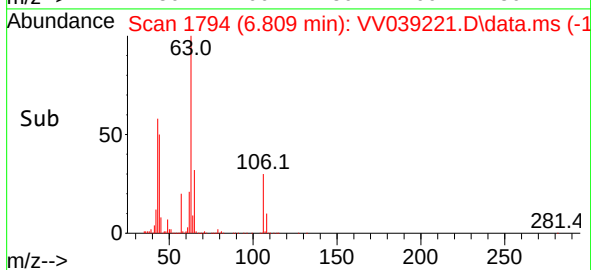
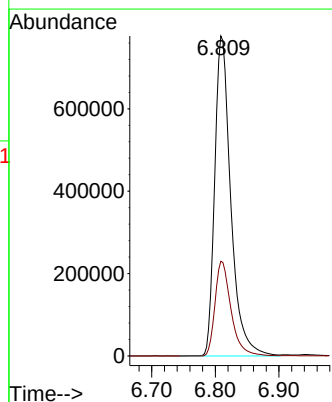
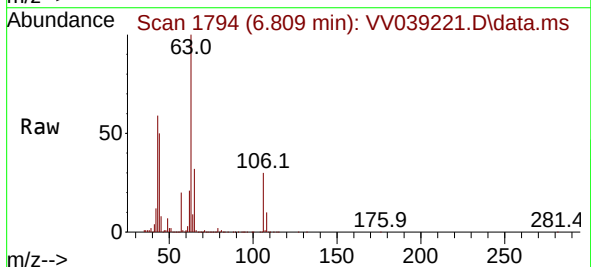
Instrument :
MSVOA_V
ClientSampleId :

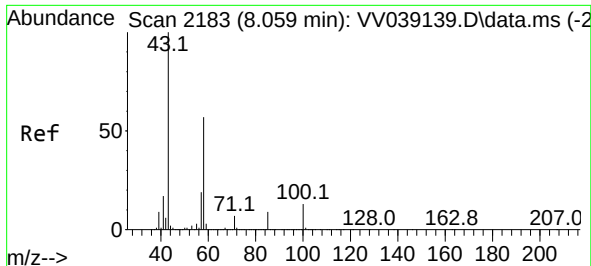
Tgt Ion: 76 Resp: 688890
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 235.318 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 63 Resp: 1364182
Ion Ratio Lower Upper
63 100
106 29.5 22.1 33.1





#59

2-Hexanone

Concen: 255.225 ug/l

RT: 8.063 min Scan# 2184

Delta R.T. 0.004 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

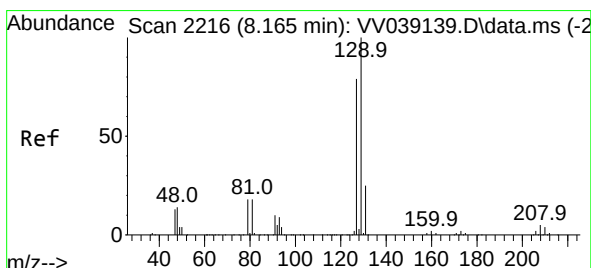
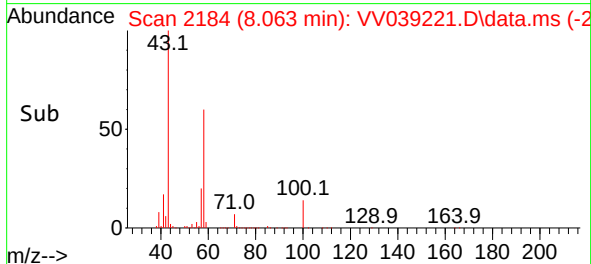
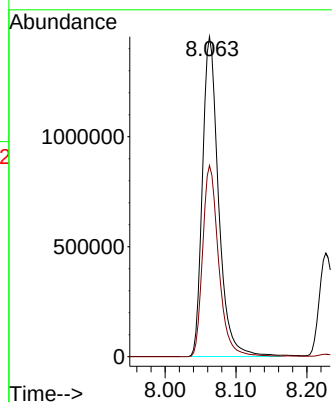
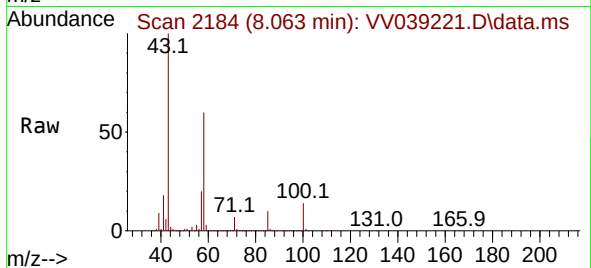
ClientSampleId :

Tgt Ion: 43 Resp: 2296121

Ion Ratio Lower Upper

43 100

58 59.6 28.3 85.0



#60

Dibromochloromethane

Concen: 51.151 ug/l

RT: 8.165 min Scan# 2216

Delta R.T. -0.000 min

Lab File: VV039221.D

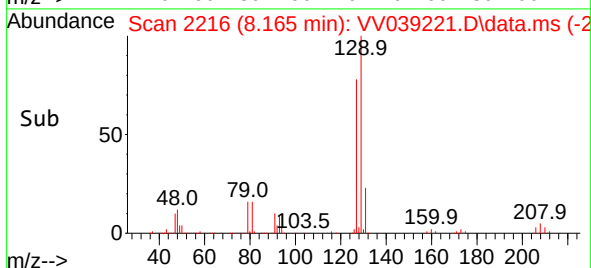
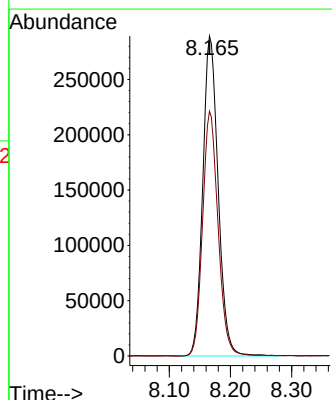
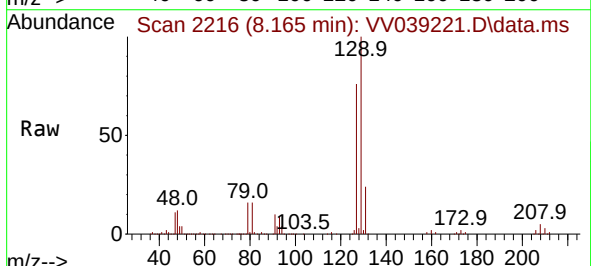
Acq: 29 Sep 2025 11:11

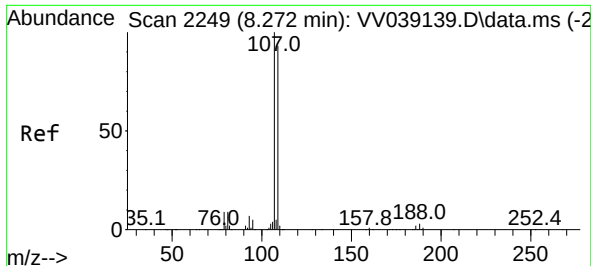
Tgt Ion:129 Resp: 505143

Ion Ratio Lower Upper

129 100

127 76.8 39.3 117.9

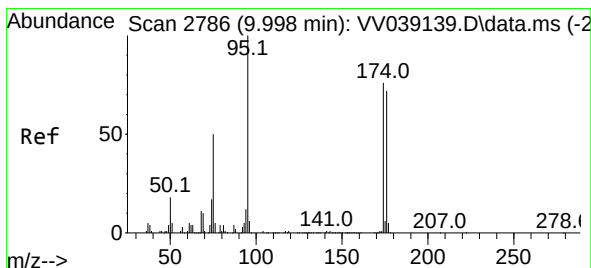
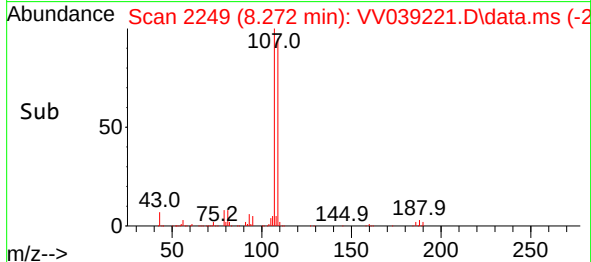
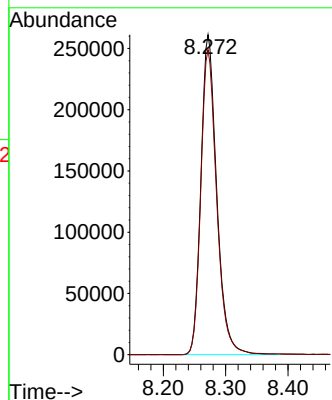
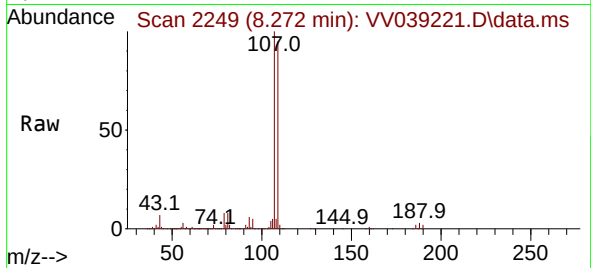




#61
1,2-Dibromoethane
Concen: 52.094 ug/l
RT: 8.272 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

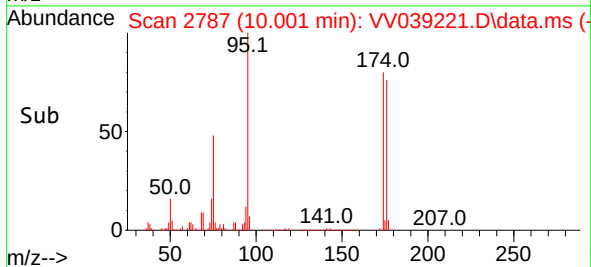
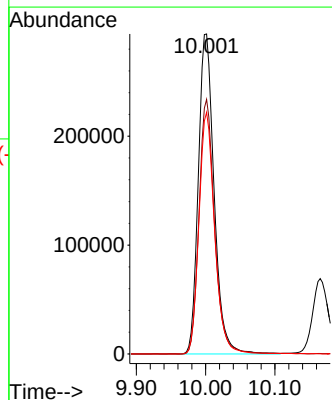
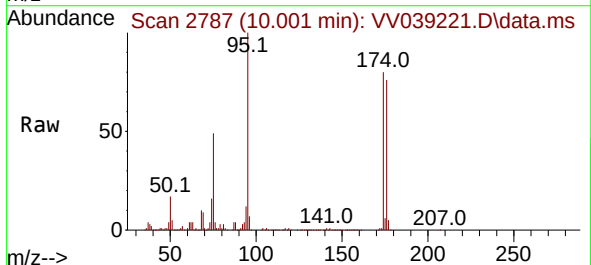
Instrument :
MSVOA_V
ClientSampleId :

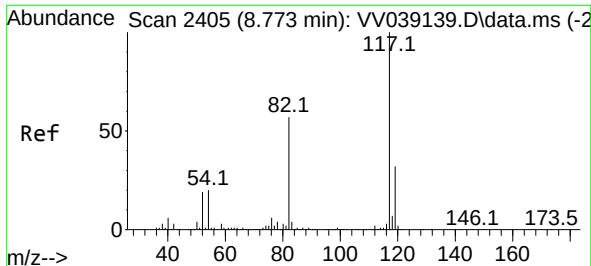
Tgt Ion:107 Resp: 461742
Ion Ratio Lower Upper
107 100
109 95.1 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 57.013 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

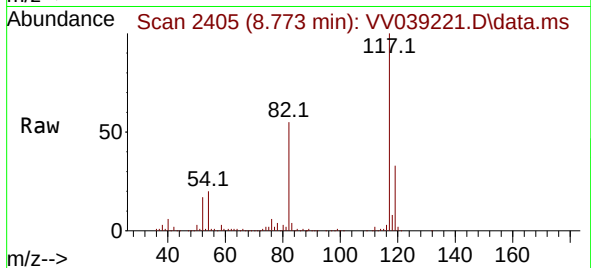
Tgt Ion: 95 Resp: 466775
Ion Ratio Lower Upper
95 100
174 78.2 0.0 150.4
176 75.0 0.0 144.2



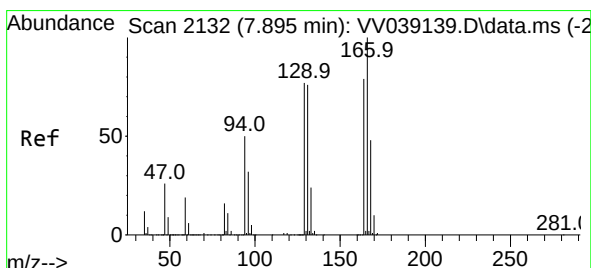
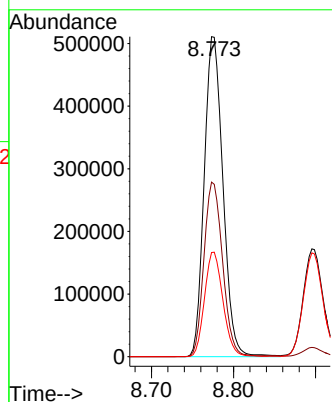
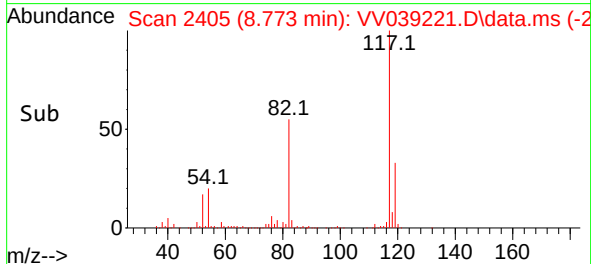


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

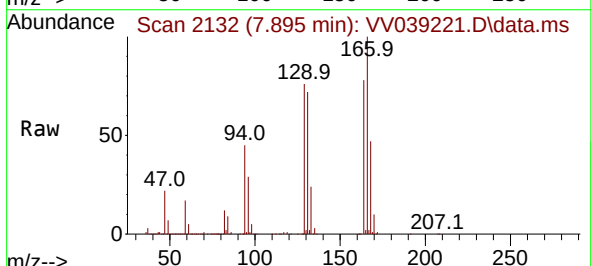
Instrument :
MSVOA_V
ClientSampleId :



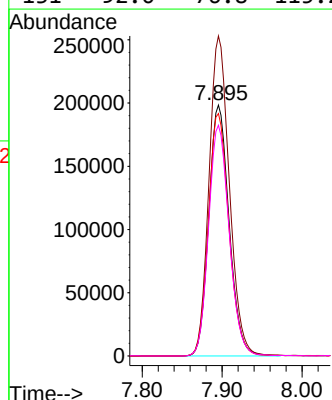
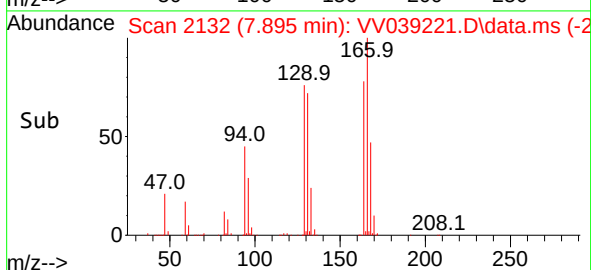
Tgt Ion:117 Resp: 811375
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.2
119 32.5 25.6 38.4

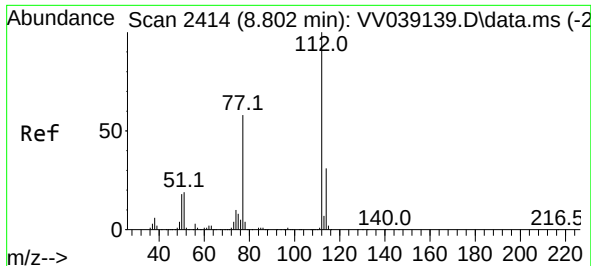


#64
Tetrachloroethene
Concen: 51.636 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11



Tgt Ion:164 Resp: 350917
Ion Ratio Lower Upper
164 100
166 127.5 101.6 152.4
129 96.6 78.5 117.7
131 92.0 76.8 115.2

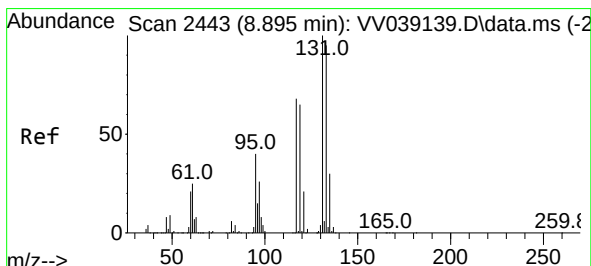
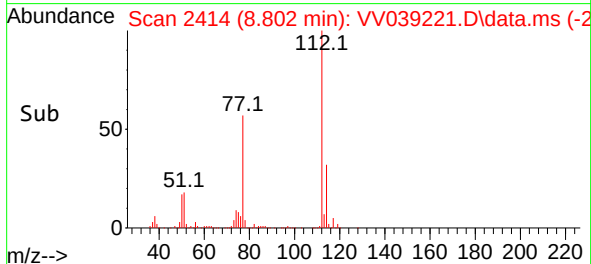
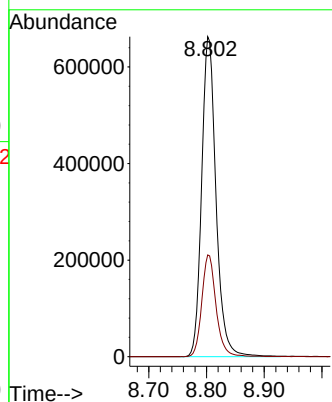
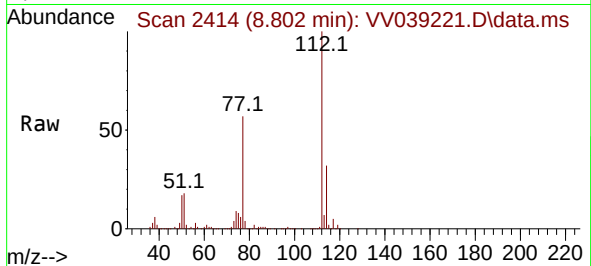




#65
Chlorobenzene
Concen: 50.604 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

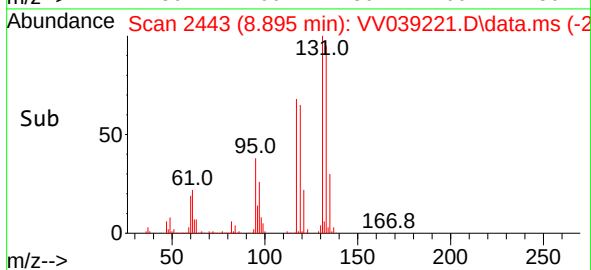
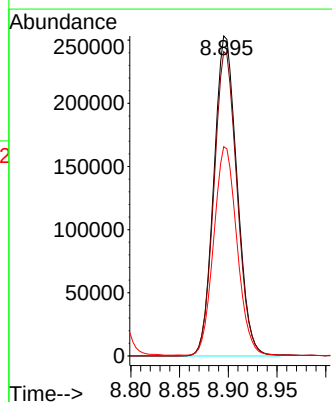
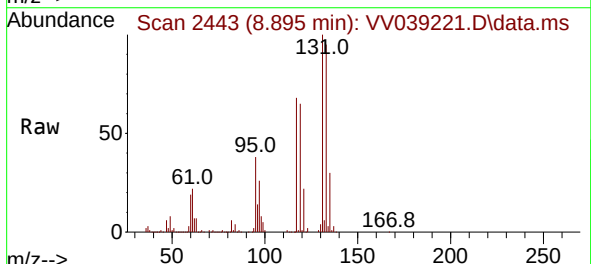
Instrument :
MSVOA_V
ClientSampleId :

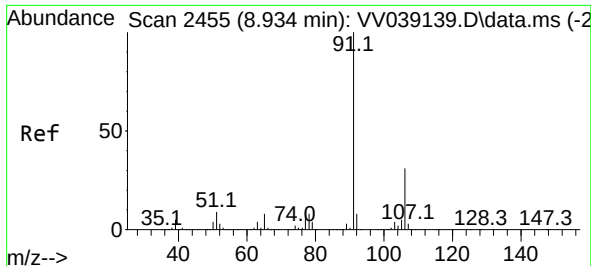
Tgt Ion:112 Resp: 1143668
Ion Ratio Lower Upper
112 100
114 31.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.392 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion:131 Resp: 419675
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 65.6 33.3 99.8





#67

Ethyl Benzene

Concen: 54.927 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

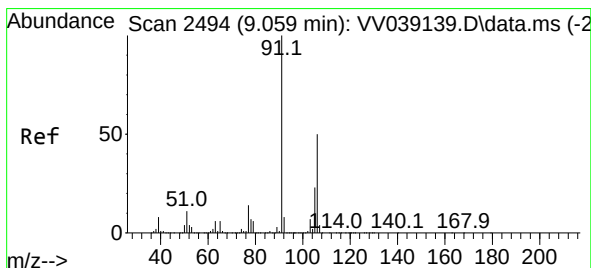
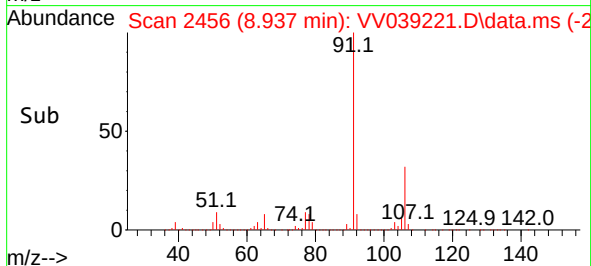
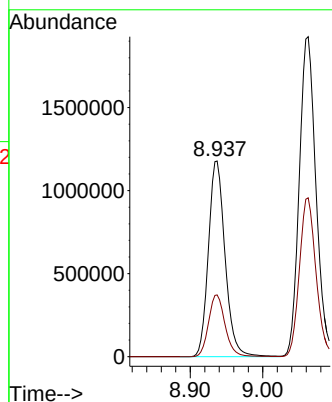
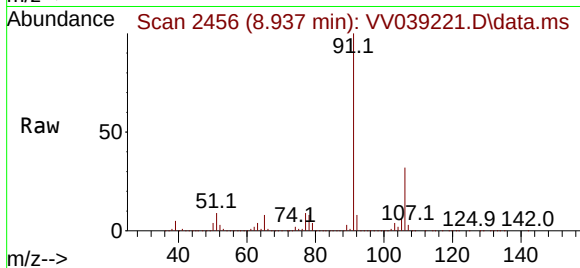
ClientSampleId :

Tgt Ion: 91 Resp: 1879090

Ion Ratio Lower Upper

91 100

106 31.6 24.6 37.0



#68

m/p-Xylenes

Concen: 115.793 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039221.D

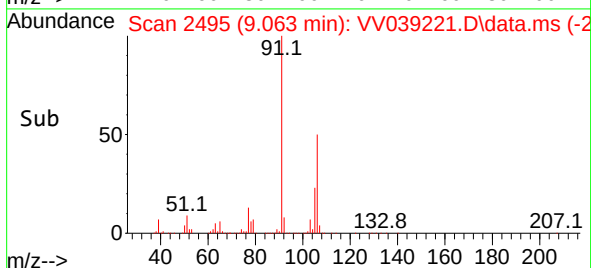
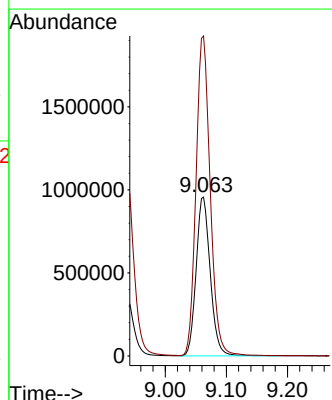
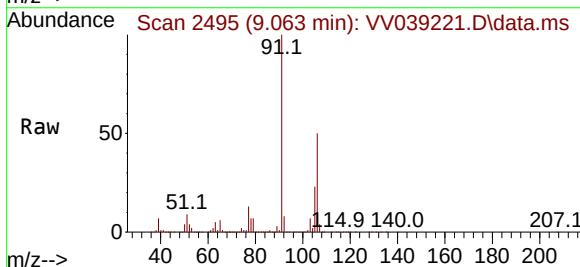
Acq: 29 Sep 2025 11:11

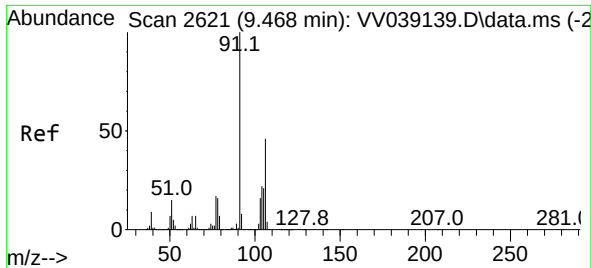
Tgt Ion:106 Resp: 1528923

Ion Ratio Lower Upper

106 100

91 202.6 162.5 243.7

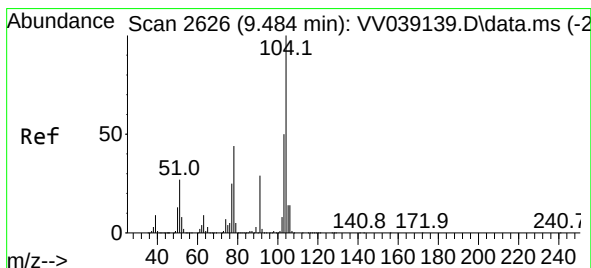
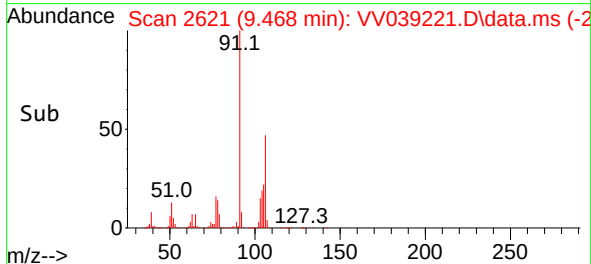
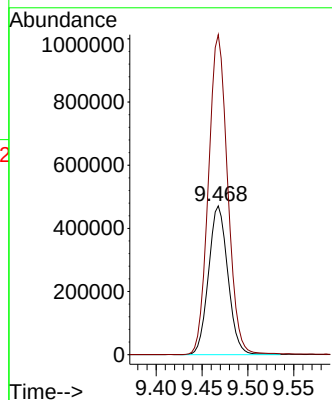
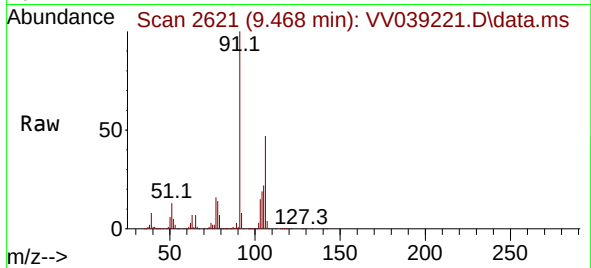




#69
o-Xylene
Concen: 59.062 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

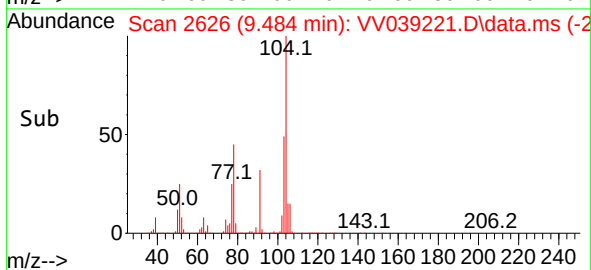
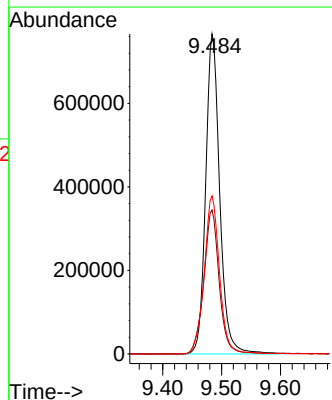
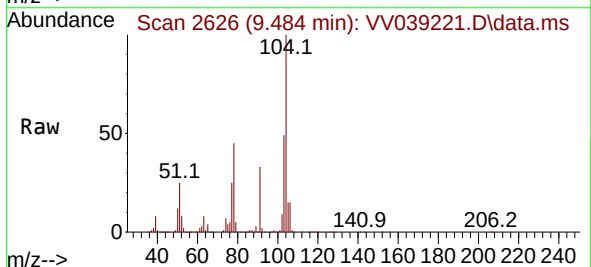
Instrument :
MSVOA_V
ClientSampleId :

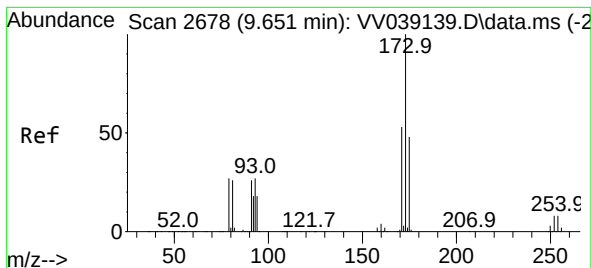
Tgt Ion:106 Resp: 690511
Ion Ratio Lower Upper
106 100
91 213.6 109.1 327.3



#70
Styrene
Concen: 51.432 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion:104 Resp: 1274646
Ion Ratio Lower Upper
104 100
78 49.1 39.8 59.6
103 54.0 43.4 65.2





#71

Bromoform

Concen: 56.878 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

ClientSampleId :

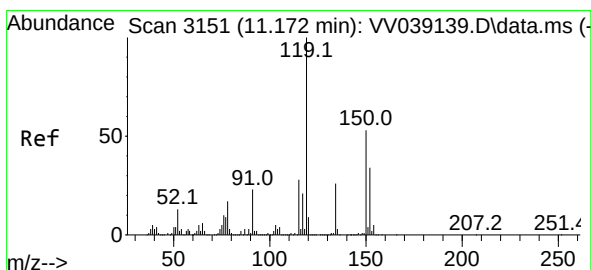
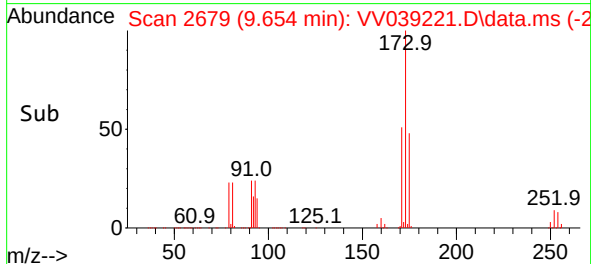
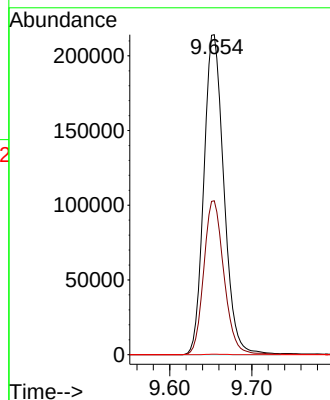
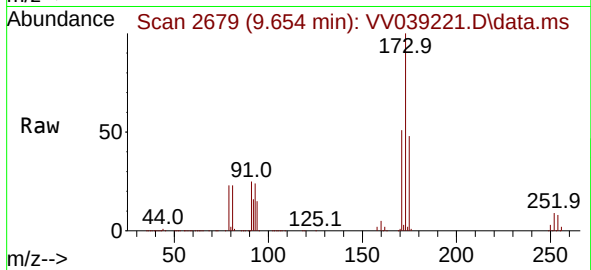
Tgt Ion:173 Resp: 362804

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

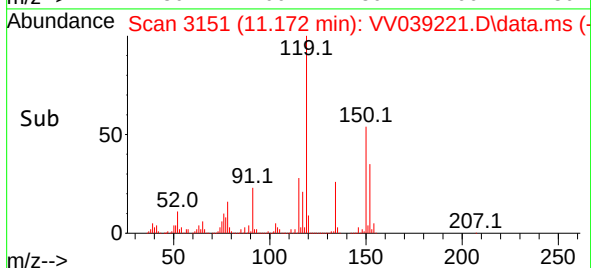
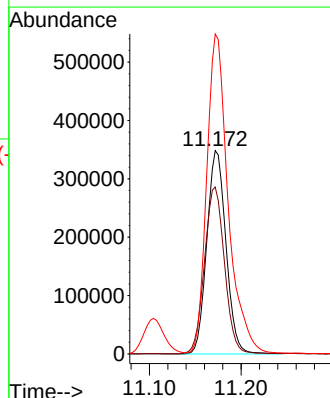
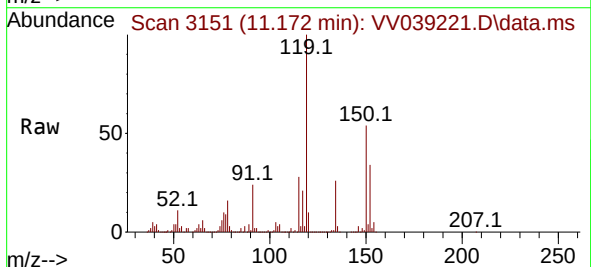
Tgt Ion:152 Resp: 505725

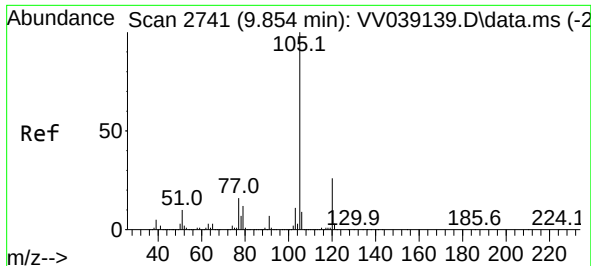
Ion Ratio Lower Upper

152 100

115 85.4 44.8 134.4

150 176.4 0.0 353.8

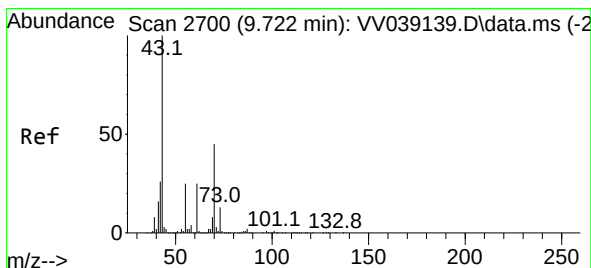
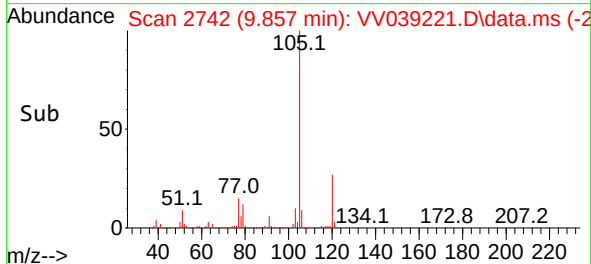
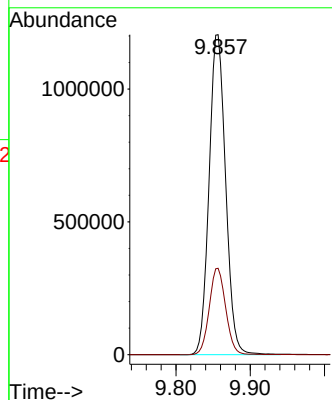
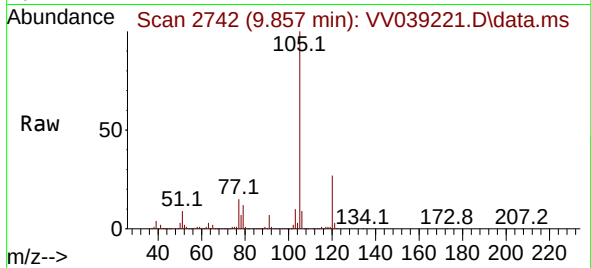




#73
Isopropylbenzene
Concen: 50.669 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

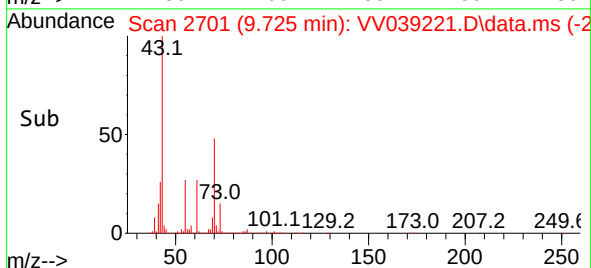
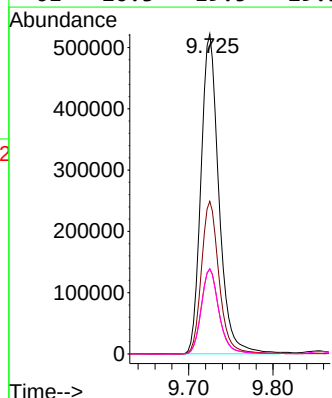
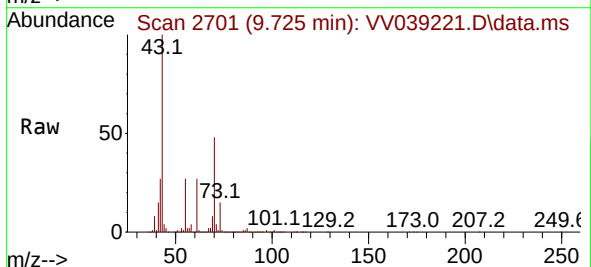
Instrument :
MSVOA_V
ClientSampleId :

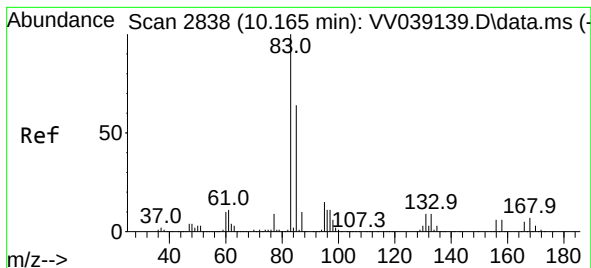
Tgt Ion:105 Resp: 1858552
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



#74
N-ethyl acetate
Concen: 52.920 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 43 Resp: 774283
Ion Ratio Lower Upper
43 100
70 47.2 35.4 53.0
55 26.5 20.6 30.8
61 26.3 19.5 29.3

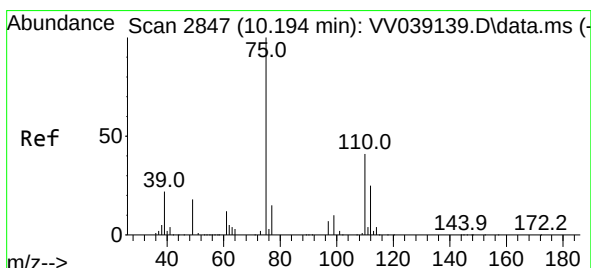
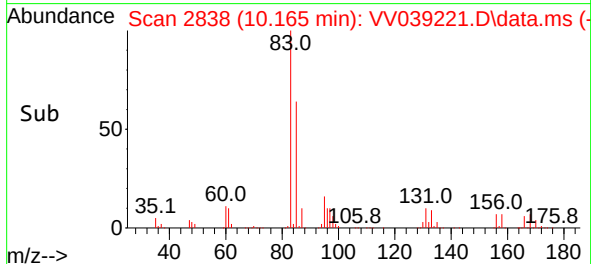
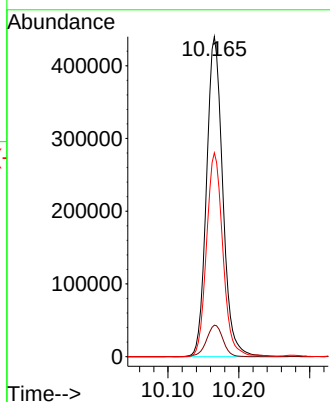
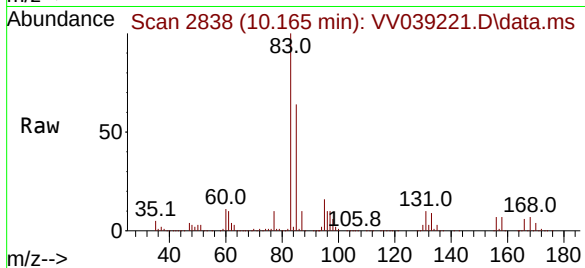




#75
1,1,2,2-Tetrachloroethane
Concen: 43.582 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. -0.000 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

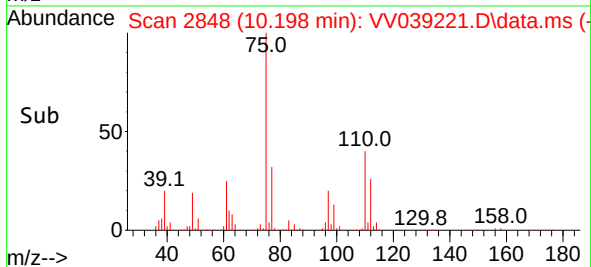
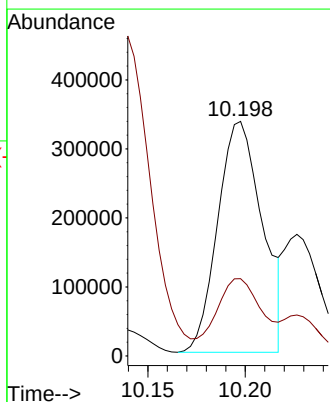
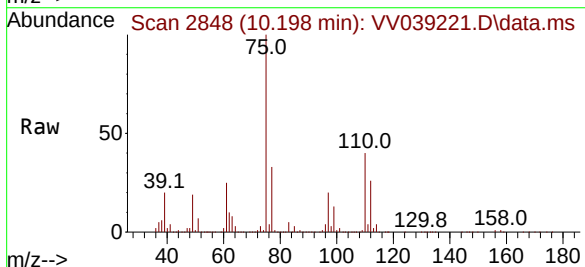
Instrument :
MSVOA_V
ClientSampleId :

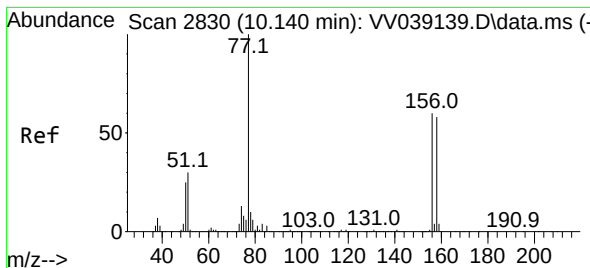
Tgt Ion: 83 Resp: 700437
Ion Ratio Lower Upper
83 100
131 10.0 4.5 13.7
85 64.1 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 46.372 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 75 Resp: 533949
Ion Ratio Lower Upper
75 100
77 22.9 11.3 33.8





#77

Bromobenzene

Concen: 50.721 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

ClientSampleId :

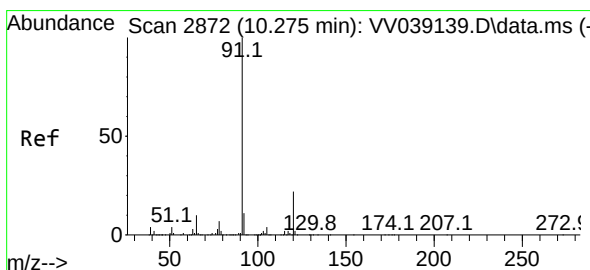
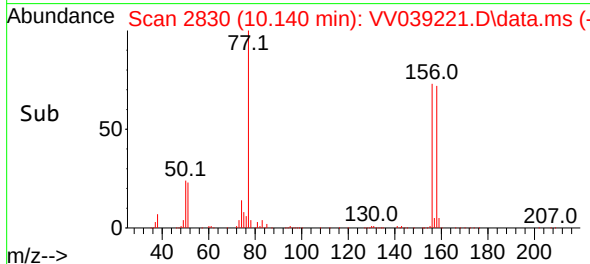
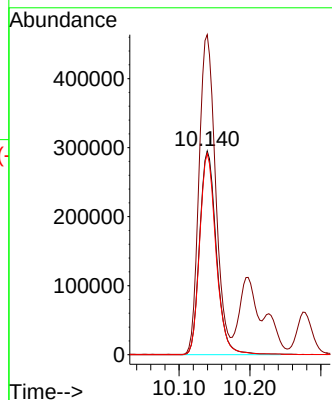
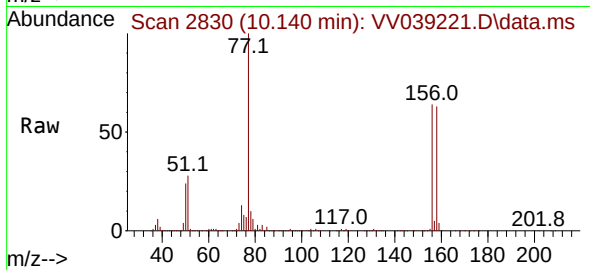
Tgt Ion:156 Resp: 482692

Ion Ratio Lower Upper

156 100

77 154.6 83.4 250.1

158 96.9 48.8 146.4



#78

n-propylbenzene

Concen: 50.455 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039221.D

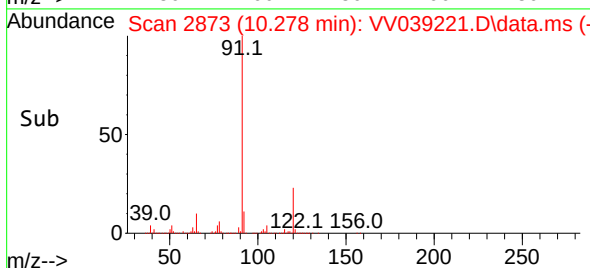
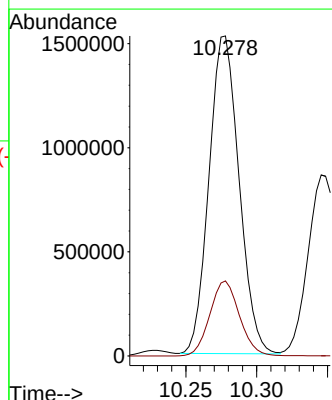
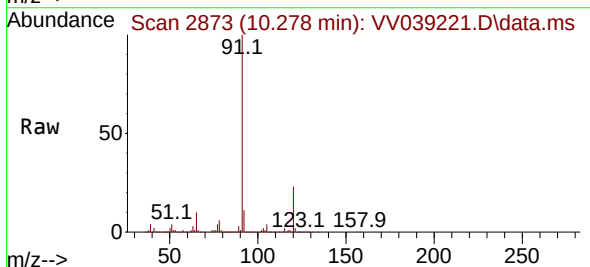
Acq: 29 Sep 2025 11:11

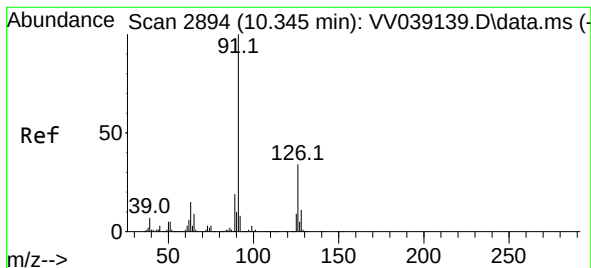
Tgt Ion: 91 Resp: 2253738

Ion Ratio Lower Upper

91 100

120 23.4 11.1 33.3





#79

2-Chlorotoluene

Concen: 50.902 ug/l

RT: 10.345 min Scan# 2894

Delta R.T. -0.000 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

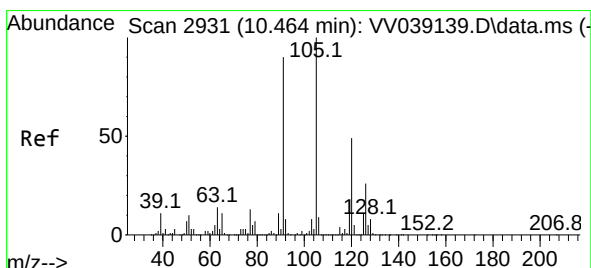
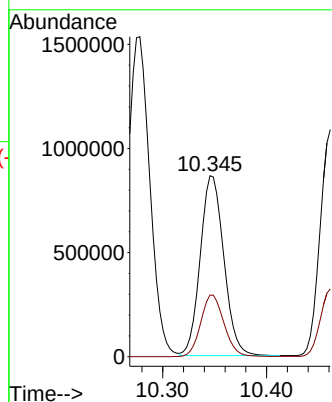
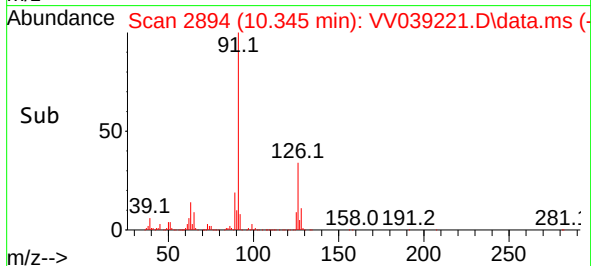
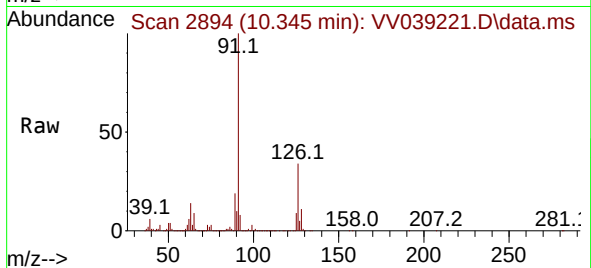
ClientSampleId :

Tgt Ion: 91 Resp: 1360520

Ion Ratio Lower Upper

91 100

126 34.0 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 52.744 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. -0.000 min

Lab File: VV039221.D

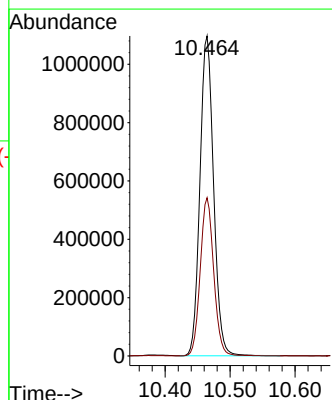
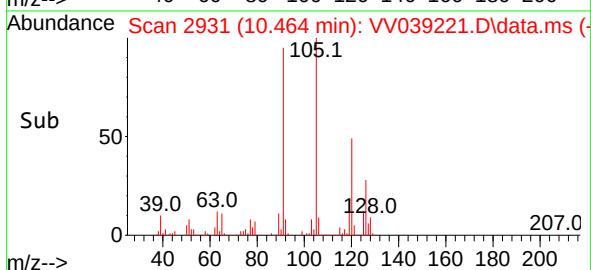
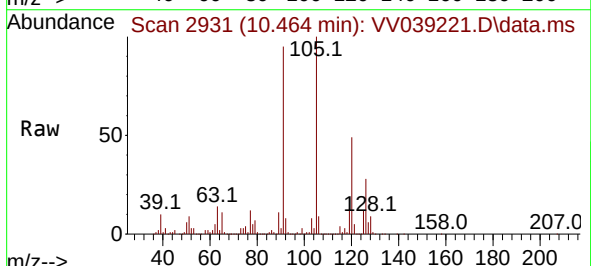
Acq: 29 Sep 2025 11:11

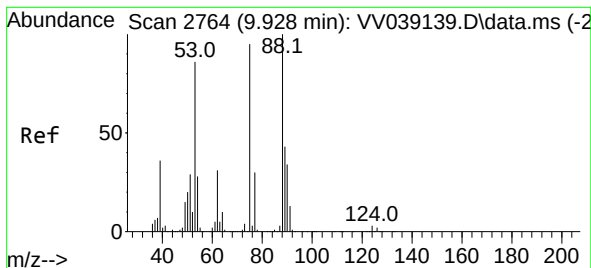
Tgt Ion: 105 Resp: 1608070

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8

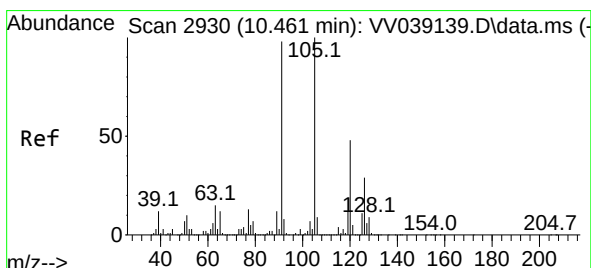
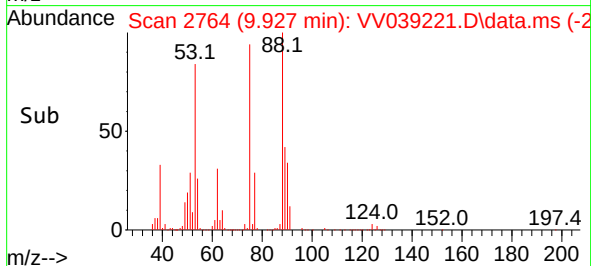
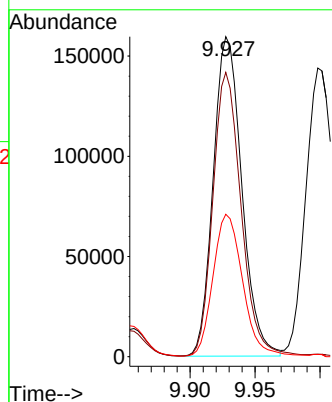
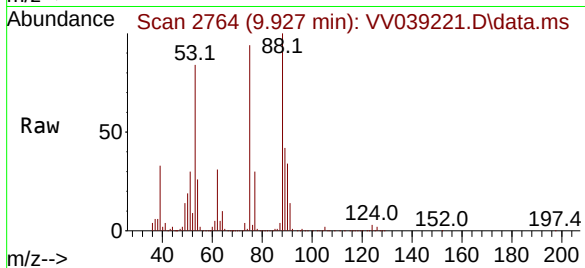




#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.900 ug/l
 RT: 9.927 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV039221.D
 Acq: 29 Sep 2025 11:11

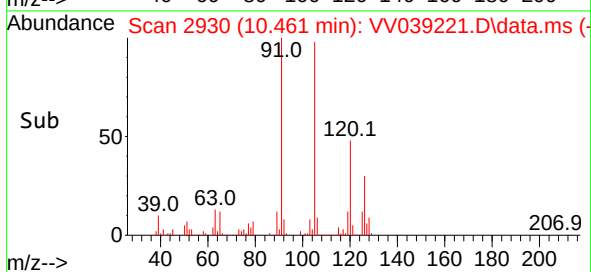
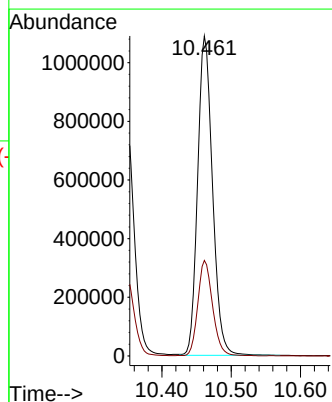
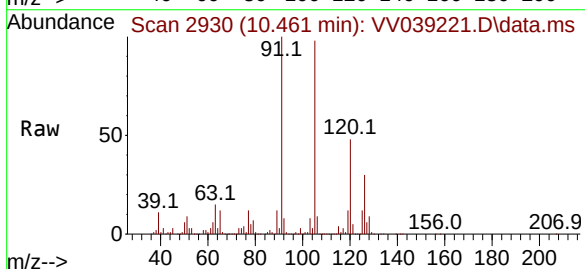
Instrument :
 MSVOA_V
 ClientSampleId :

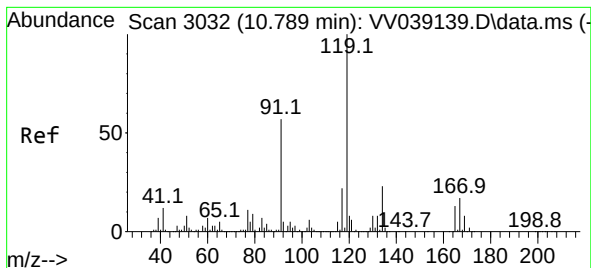
Tgt Ion: 75 Resp: 244133
 Ion Ratio Lower Upper
 75 100
 53 87.0 72.5 108.7
 89 46.0 37.2 55.8



#82
 4-Chlorotoluene
 Concen: 52.536 ug/l
 RT: 10.461 min Scan# 2930
 Delta R.T. -0.000 min
 Lab File: VV039221.D
 Acq: 29 Sep 2025 11:11

Tgt Ion: 91 Resp: 1628242
 Ion Ratio Lower Upper
 91 100
 126 29.6 14.5 43.6





#83

tert-Butylbenzene

Concen: 50.388 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

ClientSampleId :

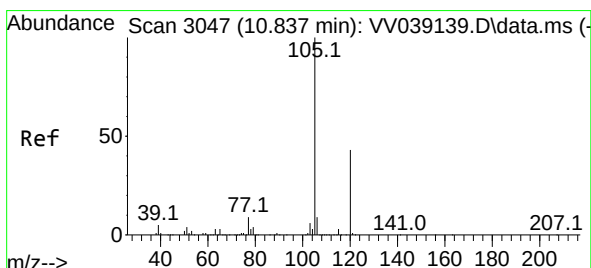
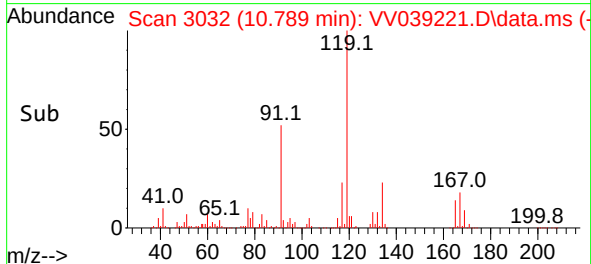
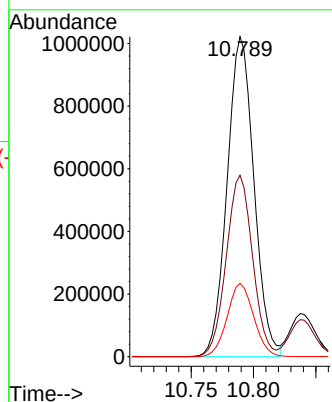
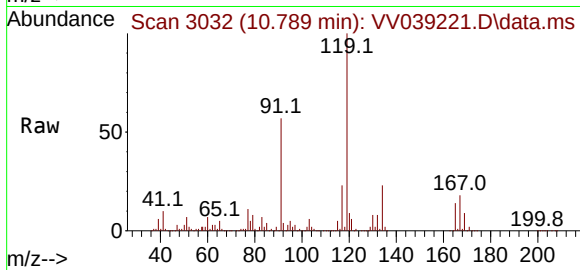
Tgt Ion:119 Resp: 1531883

Ion Ratio Lower Upper

119 100

91 55.7 28.5 85.6

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 54.363 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039221.D

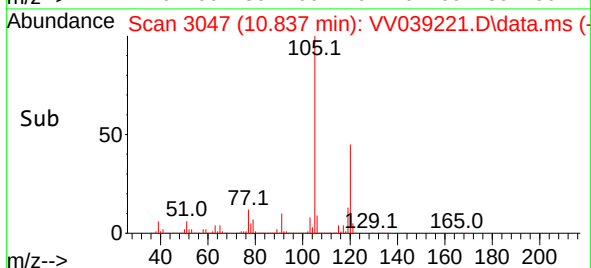
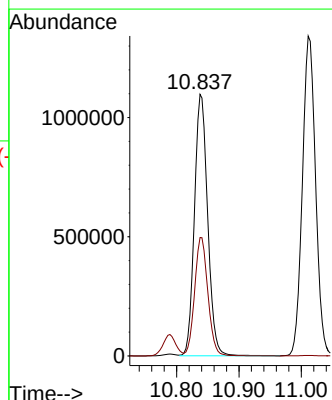
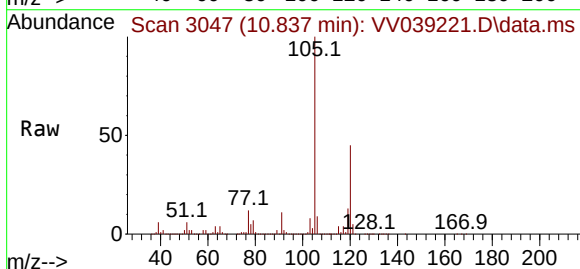
Acq: 29 Sep 2025 11:11

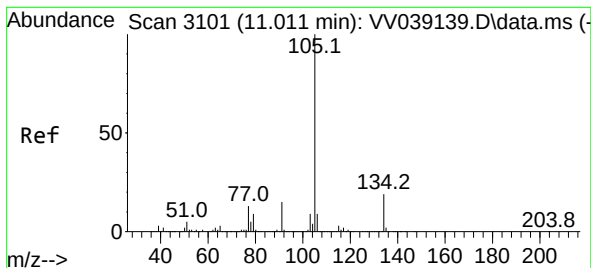
Tgt Ion:105 Resp: 1609100

Ion Ratio Lower Upper

105 100

120 45.3 22.4 67.2





#85

sec-Butylbenzene

Concen: 48.994 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

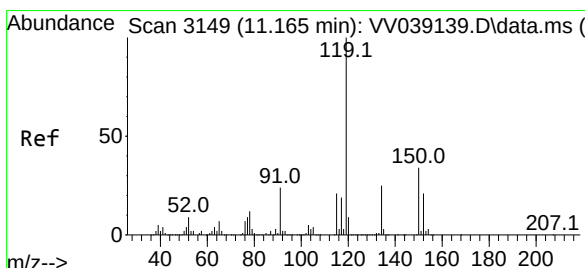
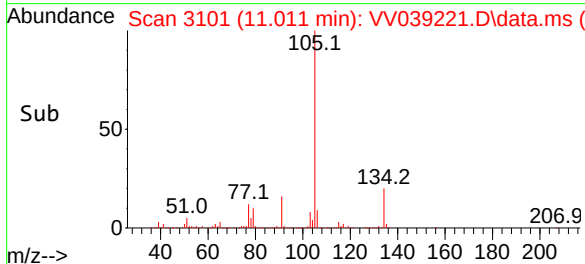
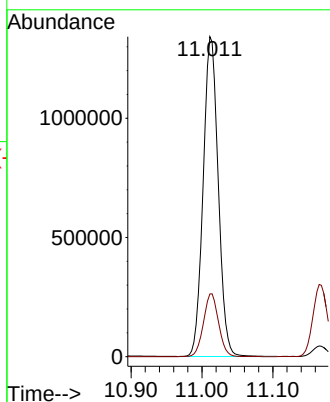
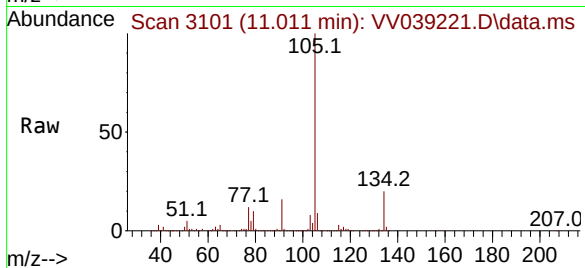
ClientSampleId :

Tgt Ion:105 Resp: 1975626

Ion Ratio Lower Upper

105 100

134 19.8 9.6 28.8



#86

p-Isopropyltoluene

Concen: 50.284 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

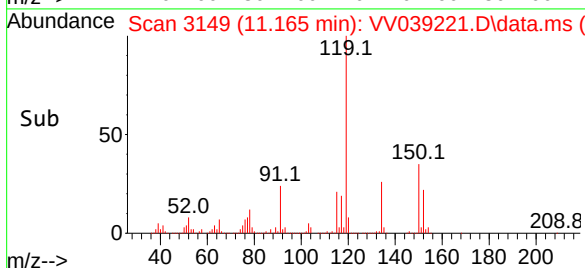
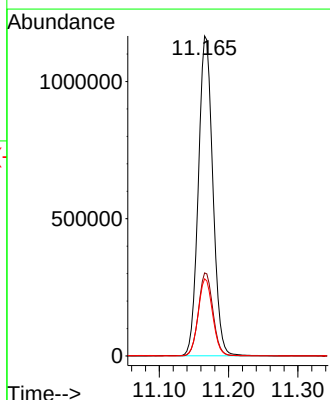
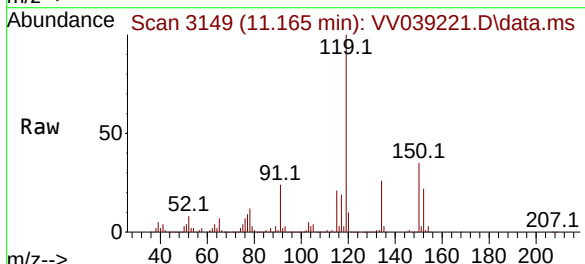
Tgt Ion:119 Resp: 1687605

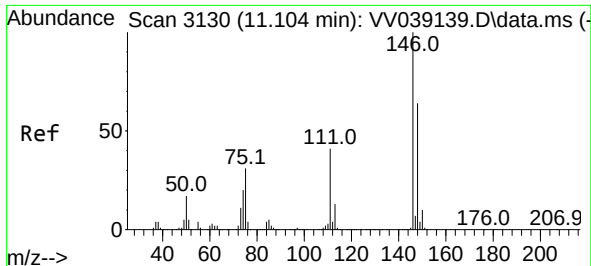
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.068 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. -0.000 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

ClientSampleId :

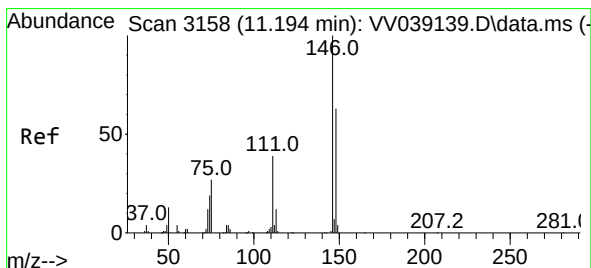
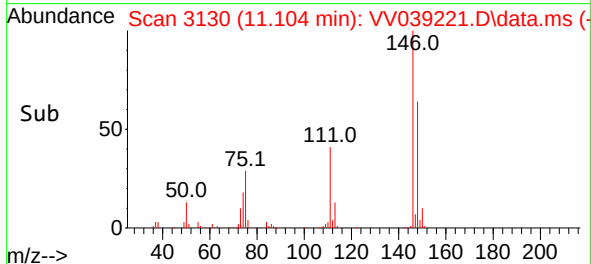
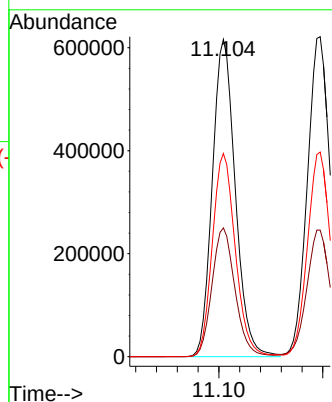
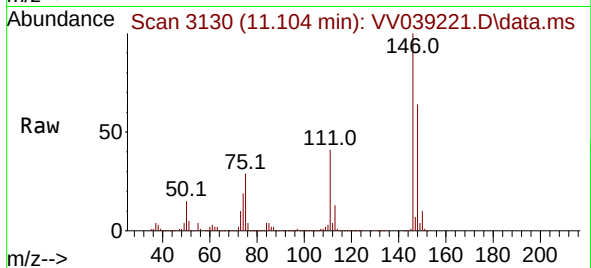
Tgt Ion:146 Resp: 945060

Ion Ratio Lower Upper

146 100

111 40.6 20.9 62.8

148 64.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 46.414 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.003 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

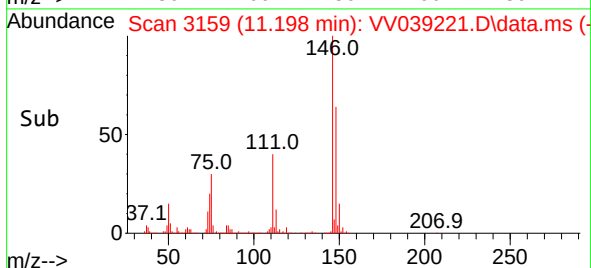
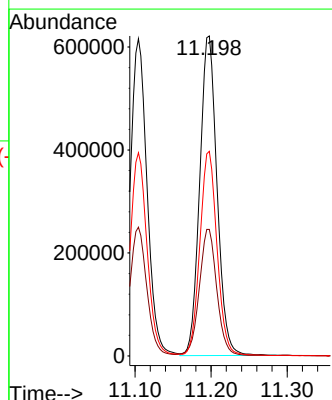
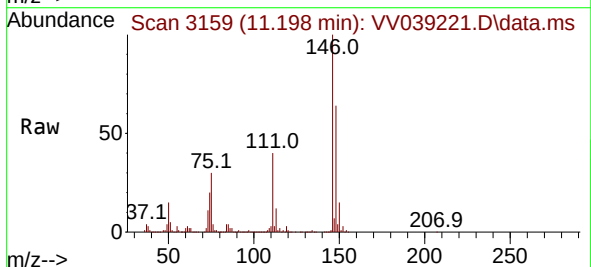
Tgt Ion:146 Resp: 980757

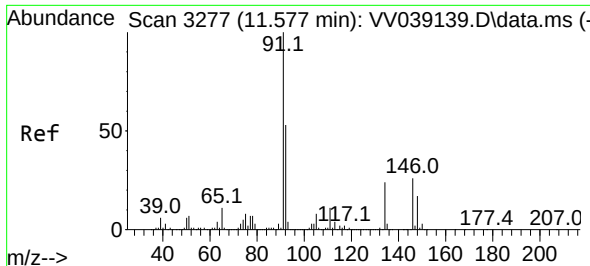
Ion Ratio Lower Upper

146 100

111 39.8 20.3 60.8

148 63.5 31.4 94.2

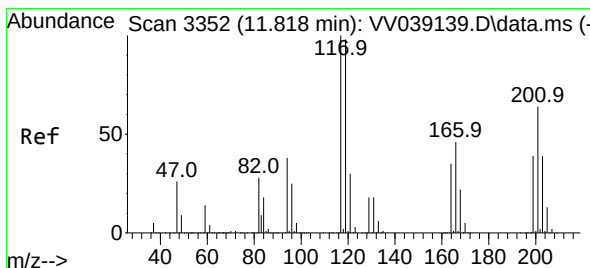
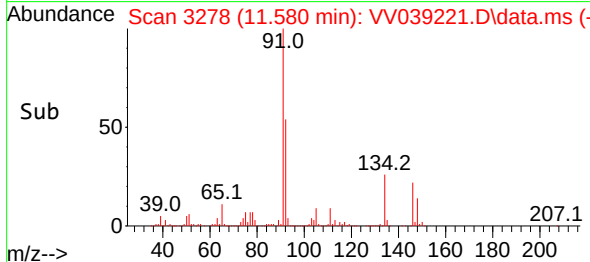
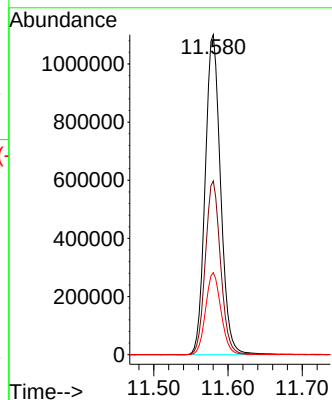
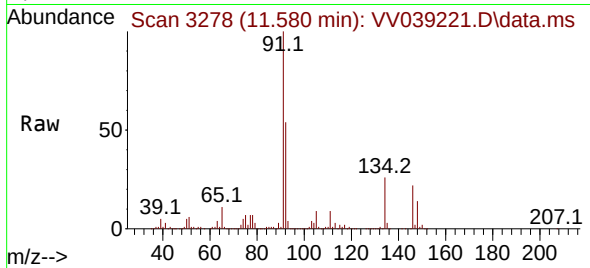




#89
n-Butylbenzene
Concen: 49.442 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

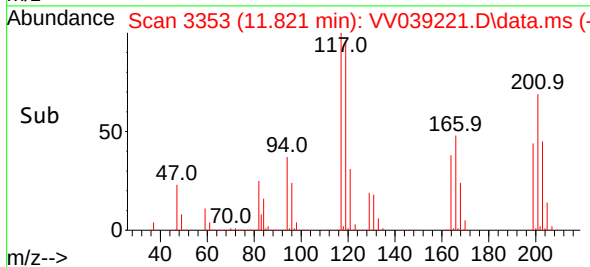
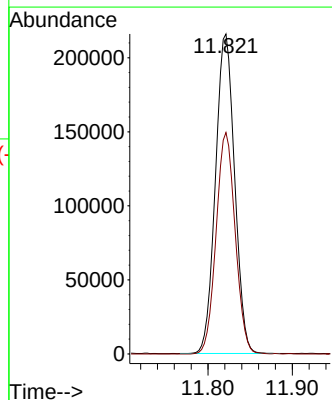
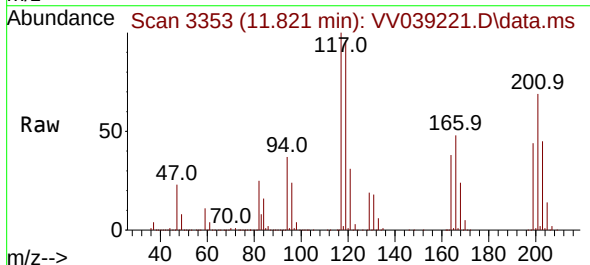
Instrument :
MSVOA_V
ClientSampleId :

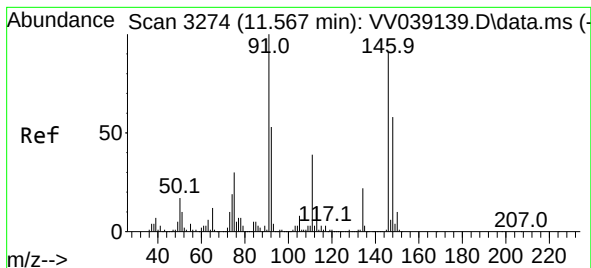
Tgt Ion: 91 Resp: 1584773
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.8
134 25.6 12.1 36.3



#90
Hexachloroethane
Concen: 41.164 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion: 117 Resp: 340207
Ion Ratio Lower Upper
117 100
201 69.0 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 48.984 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

ClientSampleId :

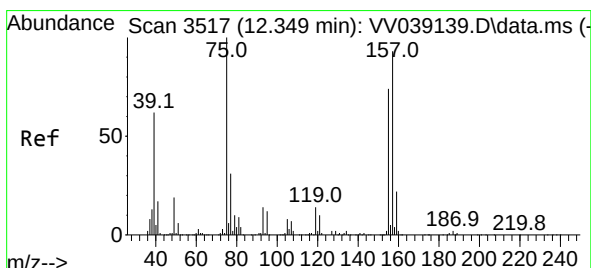
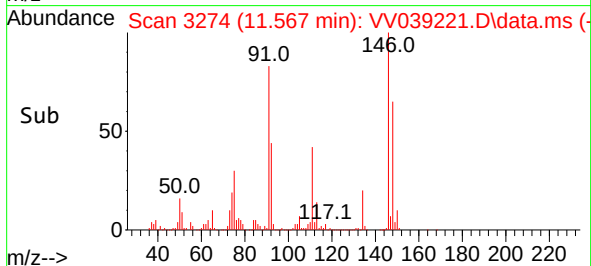
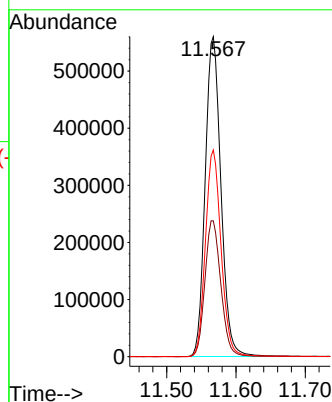
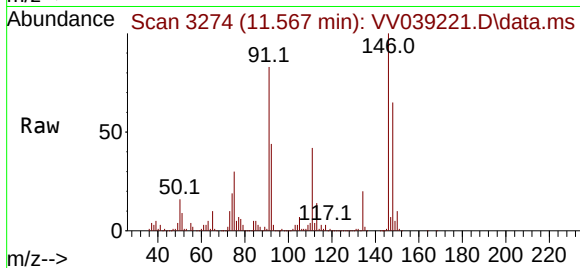
Tgt Ion:146 Resp: 881445

Ion Ratio Lower Upper

146 100

111 43.1 21.5 64.5

148 64.3 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.555 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

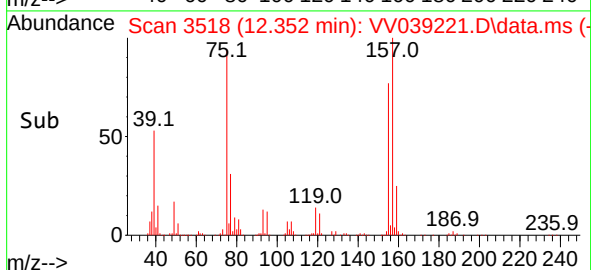
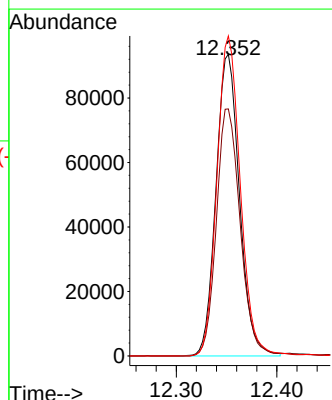
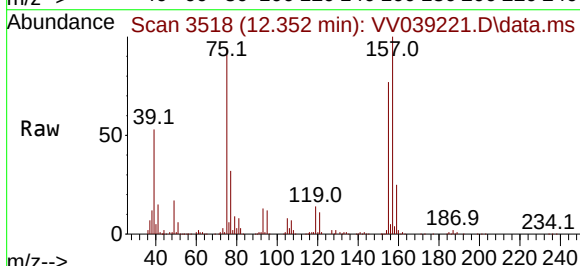
Tgt Ion: 75 Resp: 152326

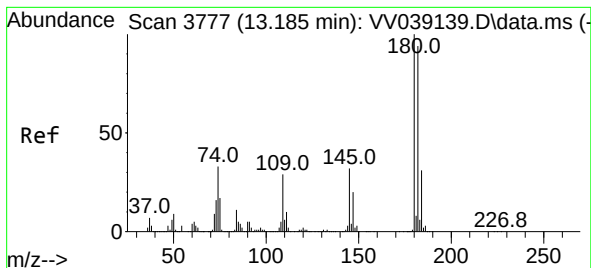
Ion Ratio Lower Upper

75 100

155 83.2 38.6 115.8

157 105.7 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 53.472 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

Instrument :

MSVOA_V

ClientSampleId :

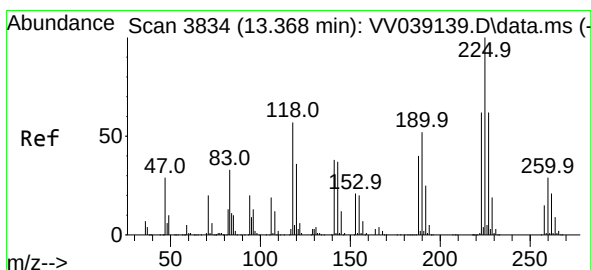
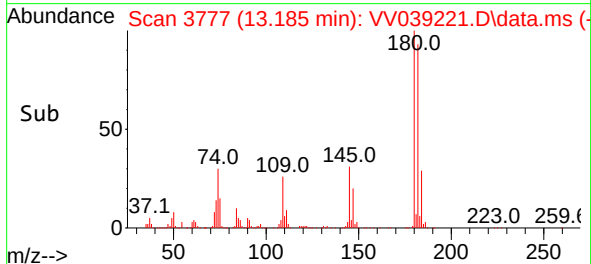
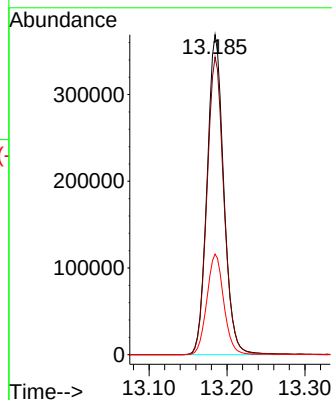
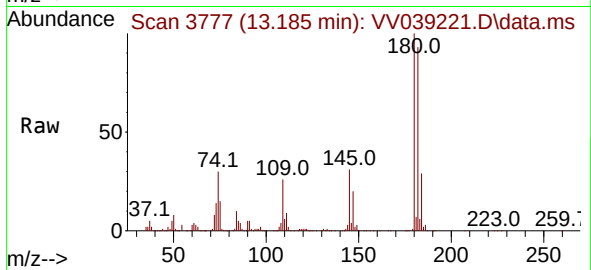
Tgt Ion:180 Resp: 551570

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.4

145 31.7 16.3 48.8



#94

Hexachlorobutadiene

Concen: 42.405 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039221.D

Acq: 29 Sep 2025 11:11

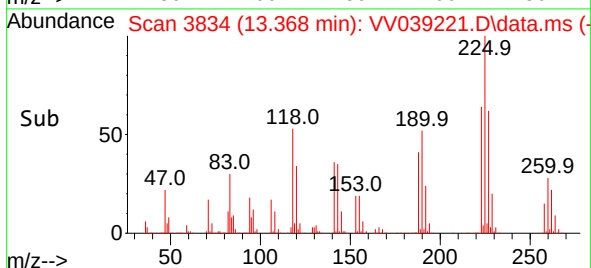
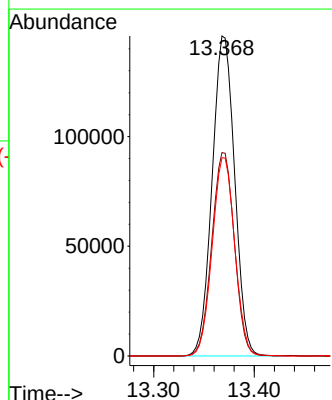
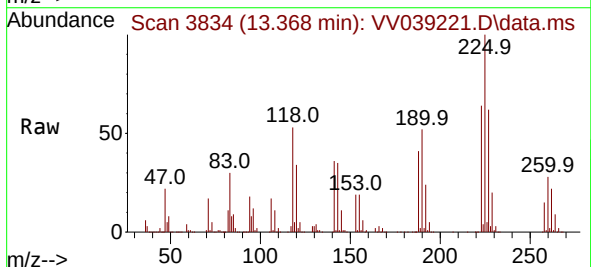
Tgt Ion:225 Resp: 227281

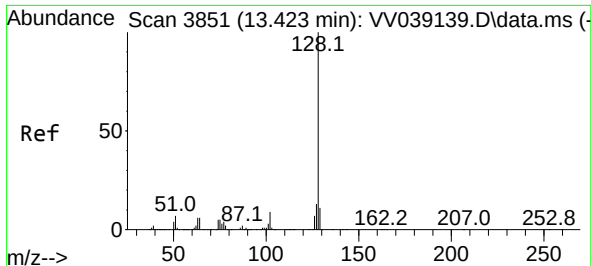
Ion Ratio Lower Upper

225 100

223 63.5 31.6 94.7

227 61.9 31.8 95.4

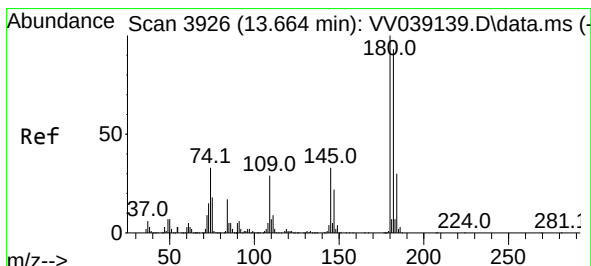
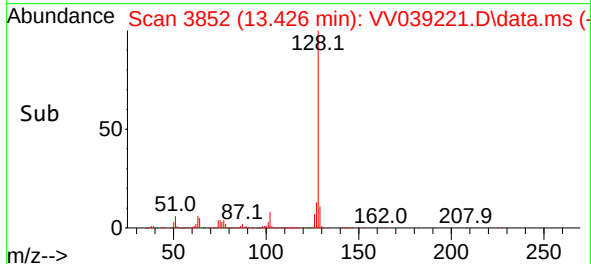
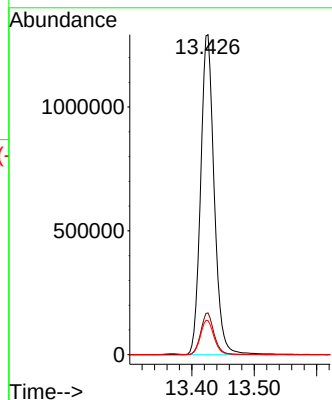
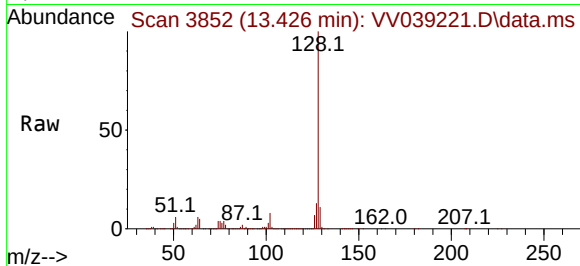




#95
Naphthalene
Concen: 58.576 ug/l
RT: 13.426 min Scan# 3852
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1952932
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.439 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV039221.D
Acq: 29 Sep 2025 11:11

Tgt Ion:180 Resp: 553227
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.8
145 33.8 17.0 51.0

